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City of Holyoke

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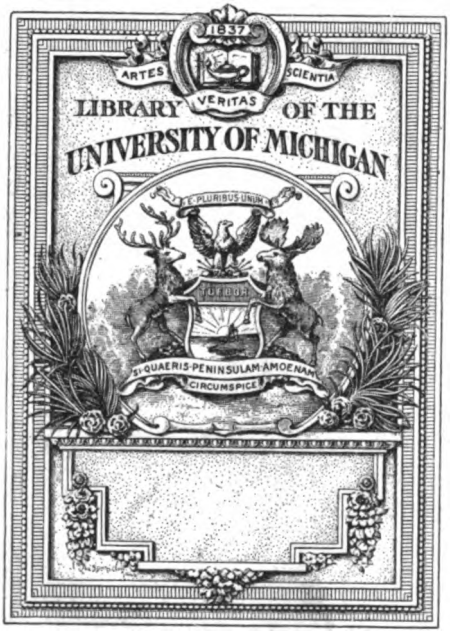

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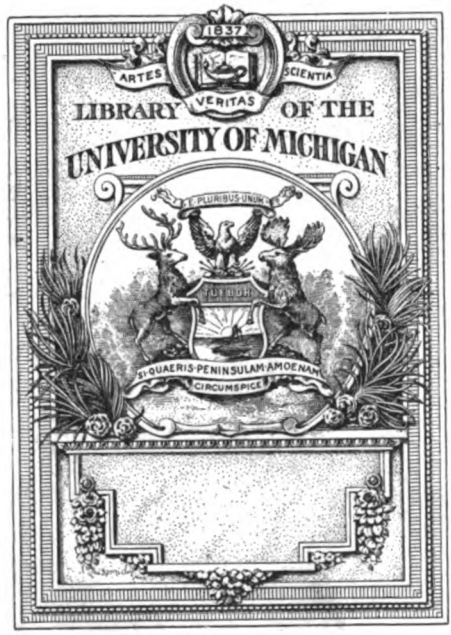

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MUNICIPAL REGISTER

OF THE

CITY OF HOLYOKE

FOR THE YEAR

1907

Containing the Mayor's Address,
City Government Roster,
Annual Reports, Etc.

PUBLISHED BY ORDER OF BOARD OF ALDERMEN.

HOLYOKE, MASS.:
M. J. DOYLE PRINTING CO.
1908

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INAUGURAL ADDRESS

. . BY . .

NATHAN P. AVERY

Mayor of Holyoke, Mass.

NINETEEN HUNDRED AND EIGHT.

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MAYOR'S ADDRESS.

Gentlemen of the Board of Aldermen:—

The municipal year just closed has been one of marked progress.

The several departments have, in the main, been well conducted; the appearance of the city has been improved; its credit has continued to be high and in almost every way it has maintained its enviable position among the municipalities of New England.

FINANCES.

The financial condition of Holyoke has been for years a source of pride to its citizens. In 1898 the net debt of the city, excluding the water debt, was $1,380,770. In 1907 it was $1,182,986. During this period, along with much other work, the city has constructed three miles of paved streets, nine and one-half miles macadamized streets; three new bridges at a total cost of $325,370; has built eight and three-fourths miles of sewers and water ways at a cost of $111,760; has constructed three new school houses in addition to the Elmwood school at a cost of $341,600. It has also more than doubled the area of its park land and performed much other work, including the renewal of certain school buildings and the construction of a city yard, and yet at the end of the period it has a decrease in its debt of almost $200,000, certainly a most wonderful showing.

The best commentary of the standing of Holyoke that recent years have produced, is the fact that the city last year sold $176,000 worth of bonds at a rate of four per cent, a thing which very few municipalities in the country were able to do.

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GAS AND ELECTRIC DEPARTMENT.

The Gas and Electric Department has had its usual successful year. The output of gas has increased twenty per cent, the output of electricity twenty-eight per cent. The efficiency of the gas plant has been increased by the addition of a much needed duplicate water gas apparatus and the laying of new mains, that of the station by the installing of a new turbo generator.

Annually the department presents to the city some evidence of its value. This year it comes in the way of a forty per cent reduction in the cost of incandescent lighting. When we consider the difficulties under which the plants were started, and the record of the department since then, I think we are safe in saying that Holyoke has made, taking everything into consideration, the most successful experiment in municipal lighting of any city of any size in the country.

BOARD OF PUBLIC WORKS.

During the year the Board of Public Works has, in addition to its regular work, repainted several school houses, repaired the Park Street School, completed the Morgan School and begun the remodelling of the Sargeant Street School. It has resurfaced more sidewalks than in any other year, laid 12,922 square yards of paving and constructed 1.41 miles of macadam. Our very fine sewer system has been still further improved by the Pine Street storm water sewer system which takes care of the surface water of a large and thickly populated territory.

A new city yard has been built which would be a credit to any city. Practically a new engine house has been made of the Highland Engine House. In addition to these improvements, the Jackson street underpass has been begun, making in all one of the best years in the history of the Board.

In this year, in my opinion, the permanent street work should be continued, new sanitaries should be installed in

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some of the older school buildings and the advisability of connecting the Walnut Street sewer system with the Front Street sewer system should be considered.

WATER DEPARTMENT.

It is a truism to say that we have a splendid water system. Few cities are better served in this respect. There are some suggestions, however, which I think ought to be made in connection with the department.

The fiscal year of the department should be changed to correspond with the fiscal year of the city. At the present time the pay rolls and expenditures of the department do not pass through the office of or require the approval of the City Auditor. The law ought to be changed so that this department should be under the control of the City Auditor as is every other department of the entire city.

If there is any immediate need of the repair or renewal of street mains or of construction work near the city, that work should be undertaken this year when opportunities for employment will be appreciated.

SCHOOLS.

In the Department of Schools I look forward to a good year. The School Board has in some respects been lax, but I believe there is a determination on the part of the members to reform their methods in some particulars and give the people what they want, the best possible school system for the money that is expended.

While this year we may not be able to afford it, in the near future there should be considered the advisability of an evening industrial school, where trades and mechanical and domestic arts can be practically taught.

The school facilities of the city have been much improved during the year. The Sargeant Street School will be almost as good as new when the repairs on it are finished.

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The South Chestnut Street School is badly overcrowded and if this condition cannot be relieved by the Sargeant Street School a new building should be erected in Oakdale.

The greater part of our school buildings have connected with them fairly ample playgrounds and many of the buildings are adjacent to land which the city is developing for playground purposes. In my opinion, these playgrounds should be used and employed by the schools to a greater extent and in a more scientific manner than they are at present. Except in the Kindergarten the importance of the play instinct in the development of the young has not been fully appreciated in our educational system.

PARKS.

The Park Board has pursued its policy of improving our parks, providing playgrounds, and purchasing land for park and playground uses.

During the year work has been done on Riverside Park and on some of the other parks; the Hospital and Ranlet tracts have been purchased, which will continue Elmwood Park along Beech street almost up to Northampton street and provide a fine playground on Beech street near the High School.

I think we ought to be as liberal with the Park appropriations as is consistent with a wise financial policy, and that each year money should be provided for the purpose of purchasing additional land.

POLICE.

As the city grows in wealth and population the demands on the Police Department increase.

For a city of the size of Holyoke, the force is rather small, and yet in the main its work has been very satisfactory. The marshal and the other officials perform their work with tact and ability and the spirit of the department and of the men was never better.

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BOARD OF HEALTH.

The Board of Health, with the several officials and offices connected with it, assumes each year a greater importance.

The freedom from serious contagion and the comparatively low death rate which the city has for many years enjoyed is good evidence of the efficiency with which the work of these officials is performed. An additional duty imposed by law on the Board is the matter of the medical inspection of the schools. While this work has not as yet been thoroughly systematized, it has been begun and will, I believe, prove of real value and service.

The most pressing need under the head of the department is a contagious disease hospital and I have already requested the Board to procure information on this subject.

FIRE DEPARTMENT.

The Fire Department has given the city, as it usually does, the best of service. The efficiency of the department has been increased by the changes in the Highland Engine House and by the addition of new apparatus. The cost of the department is high, but the results seem to justify the expense, especially in a city of mills, where good fire protection is imperatively demanded.

OVERSEERS OF THE POOR.

The work of the Department of the Overseers of the Poor, with the City Almoner, City Physician and other officers and agents connected with this department, has been, although extremely difficult, in the main excellently and I believe honestly performed. At the City Farm new boilers will soon be required.

CITY AUDITOR.

The office of City Auditor continues to be one of the most important of all our departments, and one of the most

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efficiently conducted. Not only must the Auditor scrutinize financial transactions, but he also must act as a kind of information bureau and it is a fact which ought to be better known that any citizen of Holyoke can obtain the details of any transaction by inquiry at the office of the Auditor. In other words, the books of the City Auditor are open for inspection to any one at any and all reasonable times.

CITY ENGINEER.

The engineering work of the city continues to be executed with faithfulness and ability.

At the present time the State law, very unwisely in my opinion, throws on the department the work of inspecting elevators. As there are about two hundred elevators in the city of one kind or another, it is obvious that the City Engineer himself is unable to attend to the matter. For this reason, it seems to me that an ordinance should be passed instructing the Engineer to delegate one of his assistants to perform this work and at the same time act as inspector of public buildings.

CITY TREASURER.

The City Treasurer does his work so quietly that the average person gains little impression of the skill with which he administers his office. Many people think that all a City Treasurer has to do is to receive and pay out money and be honest. This is only one part of his duties. The Treasurer is really the financial agent of the city. He sells our bonds, he negotiates our temporary loans, and the fact that last year our bonds sold at four per cent and our temporary loans were made at an average rate of less than five per cent, is some evidence of the ability and standing of the man who handles the money of the city.

ASSESSORS.

There are few manufacturing cities that have less dis-

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pute over assesment values than Holyoke, and this fact speaks well for the tact and ability of our local Board of Assessors.

CITY CLERK, CITY SOLICITOR AND TAX COLLECTOR.

The work of the City Clerk, City Solicitor and Tax Collector, all officials with extremely important duties, has been ably performed.

The collection of taxes has been very satisfactory, which in a time of financial stringency evidences not only the sound business condition of the city, but the energy and ability of the Tax Collector.

The City Clerk annually calls attention to the need of a proper vault for the safe keeping of documents and records. I believe some provision should be made of this nature.

The freedom the city enjoys from serious litigation is not only a cause of congratulation, but is proof of the fidelity with which the City Solicitor attends to the interests of his department.

SEALER OF WEIGHTS AND MEASURES.

The new department of Sealer of Weights and Measures has I believe been the means of saving much money to the people of Holyoke, and has also been of assistance to honest merchants and dealers who are always in the majority.

There is one matter which ought to come before the Board, which perhaps is under the province of no particular department, and that is the regulation of the advertising of the city.

At present there is no uniformity of practice or of charge either among departments or newspapers. Possibly if the whole subject were left with the City Auditor it might be a solution of the problem. If this, however, should not seem advisable, then at least some plan should be adopted.

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Allied to this subject is one which will come before your Board early in the year, and that is the printing of the municipal register. Of recent years the cost of printing the register has increased out of all proportion to its size. When the contract is let this year, it would seem that the printing of a certain number of separate copies of the reports of the several departments should be provided for, either at no charge or at a minimum cost.

Last year the noted landscape architect, Frederick Law Olmsted, Jr., made a partial examination of the city to obtain material for a preliminary report on its possible development along lines of beauty and utility. The report although not yet completed is expected at no distant day.

It is hoped that it will be of such a nature as to lead to a demand for a detailed and elaborated plan which will be in part a guide for the future growth of the city.

Holyoke as a municipality is today in most respects in excellent condition. It should be our aim during the year to so govern our conduct that not only may such condition be maintained but that the standing and reputation of the city at the close of the year shall be even better and higher than it is even at the present time.

NATHAN P. AVERY, Mayor

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GOVERNMENT

OF THE

CITY OF HOLYOKE

1908

MAYOR.

HON. NATHAN P. AVERY.

PRESIDENT OF THE BOARD OF ALDERMEN.

JAMES M. KENNEDY.

ALDERMEN AT LARGE (FOR ONE YEAR).

LEON W. BLISS,
GEORGE R. BURNS.
WILLIAM J. CRAY,
ISRAEL DUCHARME,
JAMES M. KENNEDY,
JOHN D. RYAN,
JAMES J. SULLIVAN.

ALDERMEN AT LARGE (FOR TWO YEARS).

HERBERT E. AINLEY,
GEORGE BARNETT,
THOMAS E. BEGLEY,
WILLIAM G. CANTIN,
FREDERICK CHILDS,
JAMES T. DEVINE,
SAMUEL C. WARNER.

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ALDERMEN BY WARDS.

Ward 1—THOMAS H. FINN.
Ward 2—ALFRED F. COUSINEAU.
Ward 3—THOMAS A. BRAY.
Ward 4—JEREMIAH J. SLATTERY.
Ward 5—JOHN J. WHITE.
Ward 6—ALLAN J. MALCOLM.
Ward 7—PHILIP M. JUDD.

CITY CLERK.

JOHN F. SHEEHAN.

CITY MESSENGER.

WILLIAM T. WALSH.

CLERK OF COMMITTEES.

JOHN C. DORAN.

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STANDING COMMITTEES
OF THE
BOARD OF ALDERMEN.

Finance.—Aldermen Bray, Warner, Sullivan.

Ordinances.—Aldermen White, Ducharme, Bray, Slattery, Ryan.

Claims.—Aldermen Warner, Ainley, Finn, Devine, Burns.

Street Franchises.—Aldermen Devine, Finn, Slattery, Childs, Ainley.

Rules.—Aldermen Burns, Malcolm, Begley, Cantin, Cousineau.

Licenses.—Aldermen Cray, Ryan, Burns, Cousineau, White.

Municipal Lighting.—Aldermen Ainley, Begley, Malcolm, Barnett, Cray.

State and Military Aid and Soldiers' Relief.—Aldermen Slattery, Sullivan, Begley, Barnett, Bliss.

Education.—Aldermen Ducharme, Childs, Judd, Sullivan, Cray.

Enrollment.—Aldermen Finn, Ryan, Cray, Barnett, Bliss.

River Navigation, Trades and Industries.—Aldermen Ryan, Malcolm, Childs, Cantin, Judd.

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CITY OFFICERS.

CITY TREASURER.

Pierre Bonvouloir, Office, Room 5 ,City Hall
Elected at Municipal Election.

CITY AUDITOR.

Daniel W. Kenney, Office, Room 12, City Hall
Elected every three years by the Board of Aldermen. . .

SUPERINTENDENT OF OUT-DOOR WORK.

Henry Winkler, Office, Room 2, City Hall
Appointed annually by the Board of Public Works.

CITY ENGINEER.

James L. Tighe, Office, City Hall
Appointed every three years by the Mayor.

CITY SOLICITOR.

Michael J. Griffin, Office, 194 High Street.
Appointed annually by the Mayor.

CITY PHYSICIAN.

Patrick E. Hurley, M. D. Office, 23 Suffolk Street
Elected annually by the Board of Aldermen.

MANAGER OF GAS AND ELECTRIC DEPARTMENT. . . .

William H. Snow.
Appointed annually by the Mayor.

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BOARD OF PUBLIC WORKS.

Michael F. Walsh, Chairman, Term expires 1911
William A. Chase, Term expires 1909
Gilbert Potvin, Jr., Term expires 1910
James L. Tighe, Clerk. Oscar C. Ferry, Ass't Clerk.
Members of Board appointed by the Mayor.

ASSESSORS OF TAXES

Joseph St. Martin, Chairman, Term expires 1911
Joseph J. Kelly, Secretary, Term expires 1910
Jeremiah J. Keane, Term expires 1909
Elected by the Board of Aldermen.

COLLECTOR OF TAXES.

Thomas F. McCabe, Office, Room 7, City Hall
Elected every three years by the Board of Aldermen.

INSPECTOR OF PUBLIC BUILDINGS.

Fred H. Gilpatrick.
Appointed by the Mayor.

OVERSEERS OF THE POOR.

Robert D. Moore, Term expires 1911
Patrick J. Dowd, Term expires 1909
William Dillon, Term expires 1910
James T. Cunningham, Almoner.
Elected by the Board of Aldermen.

BOARD OF HEALTH.

Arthur B. Wetherell, M. D. Frank A. Woods, M. D.
J. Sidney Wright, Health Officer.
Appointed by the Mayor.

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INSPECTOR OF PROVISIONS.

George L. Goodyear.

Appointed by the Mayor and confirmed by the Board of Aldermen.

INSPECTOR OF ANIMALS.

George L. Goodyear.

Appointed by the Mayor and confirmed by the Board of Aldermen.

CITY AGENTS H. & W. R. R. CO.

Robert P. Cunningham, Thomas Norris,
Fred A. Monat, Matthew B. Begley, Richard Connor.

Elected by the Board of Aldermen.

SEALER OF WEIGHTS AND MEASURES.

Joseph D. Goddu.

Appointed annually by the Mayor.

PARK COMMISSIONERS.

Charles E. Mackintosh, Chairman,	Term expires May 1, 1913
James F. Burns,	Term expires May 1, 1910
Max Otto Dreikorn,	Term expires May 1, 1911
Samuel Grandchamp,	Term expires May 1, 1912
William J. Howes,	Term expires May 1, 1909

Daniel J. Hartnett, Secretary.

Members of the Board appointed by the Mayor and confirmed by the Board of Aldermen.

REGISTRARS OF VOTERS.

Charles U. Roy,	Term expires May 1, 1909
Thomas Stansfield, Chairman,	Term expires May 1, 1911
James J. Dunn,	Term expires May 1, 1910

Appointed by Mayor and confirmed by Board of Aldermen.

John F. Sheehan, City Clerk, ex-officio.

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COMMISSIONERS OF WHITING STREET FUND.

Hon. Nathan P. Avery, Mayor, ex-officio.
Pierre Bonvouloir, Treasurer, ex-officio.

Mrs. John J. Prew,	Term expires March 1, 1909
Mrs. Margaret A. Carlon,	Term expires March 1, 1910
Mrs. Kate Moynihan,	Term expires March 1, 1911

Elected by the Board of Aldermen.

WATER COMMISSIONERS.

Thomas J. Carmody, Chairman,	Term expires 1910
Michael J. Doyle, Treasurer,	Term expires 1911
Hugh McLean, Secretary,	Term expires 1909

Elected by the Board of Aldermen.

WATER REGISTRAR.

Albert E. Pickup, Office, Room 8, City Hall
Appointed by the Board of Water Commissioners.

SUPERINTENDENT OF WATER WORKS.

John J. Kirkpatrick, Office, Commercial Street
Appointed by the Board of Water Commissioners.

SUPERINTENDENT OF FIRE ALARM TELEGRAPH.

John Castle.
Appointed by the Board of Fire Commissioners.

COMMISSIONERS OF SINKING FUND.

(Municipal Bonds.)

C. Fayette Smith,	Term expires 1911
Lemuel Sears,	Term expires 1910
Samuel McQuaid,	Term expires 1909

Elected by the Board of Aldermen.

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POLICE DEPARTMENT.

Marshal, Thomas J. Lynch

Appointed annually by the Mayor.

Assistant Marshal, Patrick Herbert
Captain, Timothy Haley
Lieutenant, Patrick E. Sullivan

SERGEANTS OF POLICE.

Dennis Mack, William E. Blackmer,
George L. Dickinson, John J. Moriarty.

PATROLMEN.

Michael Shine, Michael J. Lynch,
Richard Peters, Frank M. Priest,
Thomas F. Riley, Patrick F. Ryan,
Henry J. Campbell, James T. Donoghue,
Frank J. Gallagher, Rock H. Lalonde,
Francis M. Hastings, Maurice M. O'Connor,
John A. Powers, Thomas Bresnahan,
John A. Geran, Maurice H. Shine,
Cornelius Curran, Matthew McClellan,
Peter A. Cullen, Daniel C. McCarthy,
James B. Griffin, Frank R. Metcalf,
Jeremiah J. Linnehan, Richard E. Lowcock,
Walter J. Murray, William Carey,
James E. Malcolm, Michael Driscoll,
Patrick J. Reardon, Peter J. Manning,
John Leary, Patrick J. Kennedy,
John W. Vaugh, Edward F. Gilday,
John A. Vachon, Patrick J. Driscoll,
Henry M. Fisher Thomas J. Rourke,
Albert Mew, Patrick J. Gaughan,
Maxwell McDowell, Andre J. Seney,
James T. Welch, John J. O'Donnell,
Henry Sussenguth, Jr., John J. Grady,
Michael J. Clifford, Mederic H. Beloin,
Michael P. Connery, John H. Goss.

LOCKUP KEEPER.

Patrick Herbert.

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SPECIAL POLICEMEN.

Otto Egar, 1097 Main street.
Patrick J. Meaney, 288 Elm street.
Edward M. Clancy, 123 Walnut street.
James J. Fitzgerald, 21 Worcester place.
Paul C. Egar, 357 Park street.
Frank J. Sullivan, 28 Clinton avenue.
Conrad Anderson, Whiting Farm.
Felix McCarthy, 4 Whiting avenue.
Thomas W. Doyle, 236 Hampden street.
Patrick J. Griffin, 672 High street.
Edward Cadieux, 9 Brown avenue.
John F. O'Connor, 73 Bond street.
John Schmidt, 664 So. Bridge street.
Arthur P. McGuire, 113 High street.
Robert J. Smith, 103 Pine street.
John D. Hardy, 149 Brown avenue.
Patrick F. Sullivan, 44 Gates street.
James J. Sullivan, 201 Park street.
Timothy J. Mannix, 89 Bowers street.
Charles A. Fisher, 84 Hampshire street.
Patrick J. Conway, 4 Elm street.
Thomas M. Scanlon, 105 North East street.
John F. Richardson, 604 Northampton street.
Charles R. Evans, 2 Grover street.
Daniel W. Young, 29 Linden street.
Philip Griffin, 101 Pine street.
John C. Doran, 91 Fountain street.
Henry Lempke, 21 Jackson street.
Joseph Chezek, 133 High street.
Patrick Fitzgerald, 89 Beech street.
John H. Bell, 10 Cottage avenue.
Auburn P. Capen, 19 Linden street.
Horace A. Lunn, 43 Taylor street.

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Jeremiah J. Linnehan, 749 Dwight street.
George Young, 131 Oak street.
George S. Little, 159 Elm street.
Frank L .Avery, 807 Dwight street.
Theophile Lamagdelain, 525 Summer street.
Charles H. Goodrich, 12 Grover street.
Joseph Beaudin, 8 Hampden street.
Gilbert Potvin, 272 Maple street.
John B. Potvin, 31 East Dwight street.
William F. Salsbury, 82 Brown avenue.
Thomas St. Peter.
Alexander Maher ,454 Northampton street.
Frank Vogel, 35 Martin street.
Anthony Doucette, 483 Dwight street.
Edward Stratton, 997 Dwight street.
Frederick G. Bartlett, 296 Cabot street.
James Thompson, 52 Taylor street.
Joseph Duhaime, 507 Canal street.
Clarence E. Provost, 45 James street.
Michael Kerin, 213 Lyman street.
Leopold Sabourin, 560 East street,
Franz E. Klopfer, 95 Jackson street.
Jonas A. Watts, 142 Elm street.
John McCombs, 748 Dwight street,
Eli I. Brockett, 21 Beacon avenue.
John S. O'Neill, 215 Sargeant street.
Bert A. Chadbourne, 19 Brown avenue.
John Beauchemin, 59 Commercial street.
Charles S. Roberts, 245 Sargeant street.
Patrick Geran, 130 Pine street.
John Kennedy, 243 Lyman street.
William Bresnahan, 42 Front street.
Thomas Shea, 45 Elm street.
James Hennessey, 84 Pine street.
Francis J. Linnehan, 1 Sonoma place.
Moses Gregore, 87 Front street.

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Martin Finn, 65 North East street.
Peter J. Lappin, 136 East street.
John B. Sullivan, 269 Elm street.
Stanley A. Arent, 361 Park street.
Timothy Maloney, 37 John street, Willimansett.
Carl F. Geissler, 316 Park street.
Albro M. Ricker, 79 Pleasant street.
Henry B. Spencer, 654 Dwight street.
Omer Lapointe, 565 Canal street.
Joseph N. Landry, 181 Chestnut street.
Edmund Dupuis, 95 Jackson street.
Napoleon B. Emery.
David O'Keefe, B. & M. depot.
Harlon C. Ashley, Cherry street.
Edward O'Connell, 6 Mosher street.
Jerry Codairre, 594 Main street.
William F. Driscoll, 93 Newton street.
Edgar A. Spooner, Highland Terrace.
James J. Sullivan, 201 Park street.
Daniel S. Cronin, 74 Samosett street.
Charles L. Schoenfeldt, West Holyoke.
Hugo Zenner, Rock Valley.
George Hoffmeyer, Rock Valley.
Joseph L. Rigali, 109 High street.
William Mossman, B. & M. Railroad.
Fred S. Webber, 272 Hampden street.
William B. Rogers, 764 Dwight street.
W. A. Baldwin, 417 High street.
Thomas J. Slavin, 134 South street.
Andrew Jodoin, 572 Bridge street.
William J. McLaughlin, 40 Main street.
John Reilly, 20 Hampshire street.
Joseph Lescault, 362 High street.
Carl Bock, 2 Elliott street.
John Davitt, 609 South Bridge street .
Joseph D. Goddu, 21 Prospect street.

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Melvin N. Snow, 5 Allyn street.
John Bunyan, 119 Cabot street.
George M. Miller, 19 Hampshire street.
Louis Therrien, 233 Main street.
George A. Lucas, 101 Race street.
Martin Fitzgerald, 167 Lyman street.
Thomas Skilling, 20 Newton street.
Elzear Robert, 640 East street.
Alexander S. Miller, 101 Sycamore street.
Frank McQuillan, 44 Ely street.
James H. Hyde, 62 Commercial street.
Patrick F. Dowd, 97 Bowers street.
Tulio Gottardy, 107 High street.
Charles H. Smith, 1514 Dwight sereet.
Harvey Robinson, 287 West Hampden street.
Mark Wallington, 12 Pearl street.
George W. Rackliffe, 35 Hitchcock street.
Harry M. Leonard, 27 Newton place.
Napoleon Duval, 17 Bond street.
David A. Raymond, 28 Newton place.
Joseph Carrivon, 137 Center street.
Alphonse Duclos, 59 Commercial street.
Frank J. Meehan, 3 Ely street.
Elisha N. Brigham, 98 Brown avenue.
William E. West, 19 Glen street.
George F. Hills, 63 West street.
Dennis Pepin, 151 Park street.
Michael Healey, Easthampton road.
Romeo R. Turconi, 412 Maple street.
Amedee D. Turcotte, 145 Main street.
Arthur B. Parker, 18 Newton street.
Thomas E. Gallagher, cor. Dwight and Linden streets.
John J. Daley, 51 Bond street.
Patrick O'Connor, 57 Bridge street, So. Hadley Falls.
Thomas F. Buckley, So. Main street, So. Hadley Falls.
Fred S. Williams, 272 Hampden street.
Henry W. Williams, 272 Hampden street.
Jeremiah J. Murphy, 33 Sargeant street.

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John J. O'Connor, Ingleside.
Joseph W. Eaton, 272 Hampden street.
Dennis Lareau, 29 Lyman street.
Henry D. Packard, 111 Main street.
Louis B. Laroche, 576 So. East street.
Charles Grandchamp, 7 Commercial street.
Philias J. Tetreault, 526 So. Bridge street.
Henry Godin, 540 So. Canal street.
Frank W. Redfern, 117 Race street.
Patrick J. Manning, 105 North East street.
Patrick J. Maley, 44 Walnut street.
Nelson W. Rogers, 171 Pleasant street.
Gilbert Beaupre, 3 Crescent street.
Charles Ward, 175 Oak street.
John W. McDonald, 105 East street .
William L. Abar, 326 Main street.
Albert Uschmann, 630 Main street.
Patrick J. Dempsey, 808 Dwight street.
Pierre Coulombe, 30 Hamilton street.
Thomas J. Kelley, Rock Valley.
Michael W. Ginley, 1502 Dwight street.
John C. Hanley, 117 Pine street.
Joseph Garrant, 34 Hampden street.
James H. Leach, Mt. St. Vincent.
Levi S. Whitcomb, 283 Elm street.
Martin J. Rohan, 78 Walnut street.
Arthur P. Hurlburt, 5 Park street.
Henry Bouthiller, 5 High street.
Emil B. Ezold, 23 Vernon street.
Joseph H. Saulnier, Chicopee street, Willimansett.
Irving Teahan, 14 Lyman street.
Frederick A. Wheeler, 148 South street.
Thomas Dean, 35 Elm street.
William McNaught, 200 Sargeant street.
Gustav Miller, 11 Grant street.
Adelard Lafontaine, 23 Hamilton street.
Godfrey Lachapelle, 682 East street.

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Timothy Falvey, 56 Pine street.
Patrick J. Fitzgerald, 225 Lyman street.
Michael Foley, 54 North Summer street.
Michael J. Baker, 86 Beech street.
John Kiely, 31 Bond street.
Alfred D. Durocher, Jr., 185½ Main street.
Frederick N. Sears, 235 Elm street.
Emerson C. Coe, 77 Carlton street.
John F. Smith, 536 Canal street.
Ira I. Dobbs, 96 Pleasant street.
Patrick Clifford, 14 Center street.
Charles Gaffney, 10 Grover street.
Joseph Meehan, 102 Sargeant street.
James Henderson, 36 Chestnut street.
Felix Tokarski, 38 Union street.

CONSTABLES.

Valentine J. O'Donnell, 33 Fairfield avenue.
Alexander N. Lapointe, Hillside avenue.
Ernest R. Laduke, Coit street.
Leon W. Bliss, Westfield street.
Salime J. Benoit, 123 Walnut street.
Fred Laduke, Coit street.
John Schmidt, 664 South Bridge street.
J. Sidney Wright, 16 Taylor street.

WEIGHERS OF BOILERS AND HEAVY MACHINERY.

William M. Hart, 20 Newton street.
Leonard Mahan, 124 Cabot street.
John Moore, 5 Shawmut avenue.

MEASURERS OF PLASTERING, PAINTING, BRICK AND STONE.

E. A. Ellsworth, 40 Essex street.
M. J. Teahan, 81 Nonotuck street.

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Timothy J. McCarthy, 41 Waldo street.
W. J. Howes, 18 Taylor street.
A. F. Sickman, 161 Lincoln street.
J. M. Sickman, 215 Oak street.
J. J. Keane, 24 Linden street.
John J. Kirkpatrick, 10 Beacon avenue.
M. N. Snow, 5 Allyn street.
Wallace E. Sawin, 12 Taylor street.

MEASURER OF GRAIN AND MEAL.

William R. Ross, 16 Taylor street.

CARETAKER OF CITY HALL CLOCK.

A. Judson Rand.

INSPECTOR OF MILK, BUTTER AND VINEGAR.

James K. Morrill.

INSPECTOR OF PETROLEUM.

James K. Morrill.

FENCE VIEWERS.

Daniel O'Connell, 188 Hampden street.
Almon A. Jones, 283 Hampden street.
Newton F. Holmes, 370 Maple street.

FIELD DRIVERS.

Charles B. Davis, 243 Elm street.
Edward R. Crafts, 268 Northampton street.
Michael Shine, 78 Nonotuck street.
Richard Peters, 17 Pearl street.
Harvey H. Carter, 388 Appleton street.
Henry J. Campbell, 71 Ely street.
John A. Davis, 263 Hampden street.

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WEIGHERS OF HAY, STRAW, COAL, ETC.

Herbert H. Fiske, 225 Appleton street.
T. L. Curran, 107 Main street.
F. A. Whiting, 82 Main street.
Thomas Fitzgerald, 33 Elm street.
P. J. Moriarty, 8 O'Connor avenue.
C. R. Evans, 2 Grover street.
Homer P. Fiske, 255 Appleton street.
William S. Thorpe, 176 Lincoln street.
George I. Sackett, 251 Northampton street.
Margaret Lawless, 82 Main street.
E. R. Crafts, 268 Northampton street.
G. H. Lynds, 11 Harrison avenue.
E. G. Whiting, 246 Oak street.
Edward A. Best, 109 Brown avenue.
John Griffin.
William S. Beeching, 8 Washington avenue.
John J. Finn, 1109 Dwight street.
John J. Kenney, 99 Walnut street.
Patrick Murphy, 81 Elm street.
Ryno L. Bibeau, 27 Cabot street.
Louis Bibeau, 85 Race street.
Maurice T. Moriarty, South Hadley Falls.
Ananie J. Duhamel, 348 Main street.
Hosea B. Fuller, 180 Pleasant street.
Michael F. Maloney, 541 Bridge street.
Michael F. Shea, 48 Davis street.
William Bresnahan, 42 Front street.
B. E. Sullivan, 18 Parker street.
George A. Lawrence, 11 Park street.
Thomas Shea, 45 Elm street.
Francis J. Linnehan, 1 Sonoma place.
Joseph Laframboise, Prew & Co., Willimansett, Mass.
Stella Kirkpatrick, Prew & Co., Willimansett, Mass.
Hilarion Duhamel, 306 Main street.
John Kennedy, 243 Lyman street.

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James Hennessey, 84 Pine street.
William T. Wilson, Northampton street.
Alfred Frechette, 125 Main street.
John Walsh, St. Jerome avenue.
Mary Donoghue, 605 So. Bridge street.

MEASURERS OF WOOD, BARK AND CHARCOAL.

T. L. Curran, 107 Main street.
E. R. Crafts, 268 Northampton street.
R. T. Prentiss, 1 Taylor street.
Margaret Lawless, 82 Main street.
Daniel O'Connell, Jr., 188 Hampden street.
W. S. Thorpe, 176 Lincoln street.
Thomas Fitzgerald, 33 Elm street.
C. H. Richards, 242 Oak street.
M. J. Teahan, 81 Nonotuck street.
C. B. Davis, 243 Elm street.
F. A. Whiting, 82 Main street.
E. G. Whiting, 246 Oak street.
P. J. Moriarty, 8 O'Connor avenue.
John J. Finn, 1109 Dwight street.
Homer P. Fiske, 255 Appleton street.
Maurice T. Moriarty, So. Hadley Falls.
M. E. Fitzgerald, So. Hadley Falls.
Edward A. Best, 109 Brown avenue.
John Kenney, 123 Pine street.
John Walsh, St. Jerome avenue.
Mary Donoghue, 605 So. Bridge street.

WEIGHERS OF BEEF, PORK, MUTTON AND HIDES.

W. O. Judd, 127 Chestnut street.
F. C. Steele, 144 South street.

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SURVEYORS OF LUMBER.

S. M. Knowles, 6 Cottage avenue.
Casper Ranger, 507 Appleton street.
Joseph S. Merrick, 225 Walnut street.
Arthur W. Little, 19 Cook street.
F. W. Ely, 296 Locust street.
A. Judson Merrick, 224 Elm street.
M. J. Teahan, 81 Nonotuck street.
Lewis Warner, 52 Pearl street.
Patrick Walsh, 787 Dwight street.

POUND KEEPER.

Joseph Lescault, 362 High street.

BURIAL AGENT.

Harry Crosby, 388 High street.

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ELECTION OFFICERS.

WARD ONE—PRECINCT A.

Warden—Patrick Gear.

Deputy Warden—Henry Fitzgibbon.

Clerk—Charles H. Goodrich.

Deputy Clerk—Rodolphe Baillargeon.

Inspectors—Cornelius F. Crowley, James Clark, Ernest Provost, Clark E. Belding.

Deputy Inspectors—Jeremiah Mannix, Albert Langlois, Michael H. Fitzgerald, William M. Perry.

WARD ONE—PRECINCT B.

Warden—John H. Ryan.

Deputy Warden—Michael M. Murphy.

Clerk—Wilbur A. Robinson.

Deputy Clerk—John Irvin.

Inspectors—William Viens, Henry Frappier, Thomas J. Maroney, Francis J. Meehan.

Deputy Inspectors—John F. Kennedy, Thomas J. Murray, Ulric Montcalm, Frank F. Lipps.

WARD TWO—PRECINCT A.

Warden—Odilon Moreau.

Deputy Warden—Louis A. Turgeon.

Clerk—Fred A. Monat.

Deputy Clerk—Romuald O. Lamagdelaine.

Inspectors—Rodolphe A. Coderre, Fred T. Vigneaux, Charles J. Perry, Hilaire Jacques, Jr.

Deputy Inspectors—Joseph E. Lapointe, Octave Bergeron, Walter W. Larivee, Philias J. Goddu.

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WARD TWO—PRECINCT B.

Warden—Edward J. Whalen.

Deputy Warden—Dennis Healey.

Clerk—Joseph B. Fontaine.

Deputy Clerk—Edward Bourbeau.

Inspectors—Edward J. Rourke, Jr., John L. Fournier, Edward D. Welch, Max Weisbach.

Deputy Inspectors—John C. Colton, Elzeard Robert, Dennis Kelliher, Felix Brodeur.

WARD THREE—PRECINCT A.

Warden—Isadore W. Davis.

Deputy Warden—Fred Leining.

Clerk—Thomas E. Begley.

Deputy Clerk—Bartholomew Donoghue, Jr.

Inspectors—George E. A. Clarenbach, George Barnett, Jr., Michael Corridan, Edward Hart.

Deputy Inspectors—John Thomson, George H. LeDoyt, August H. Baush, James Murray (56 Chapin Street.).

WARD THREE—PRECINCT B.

Warden—Paul H. Koehler.

Deputy Warden—August Boie.

Clerk—John F. Lowcock.

Deputy Clerk—Frank Martin.

Inspectors—Henry Sussenguth, Jr., Ernest Satler, John F. Higgins, John Cronin.

Deputy Inspectors—Karl A .H. Neumann, Edward Henault, John Schmidt, Herman Wagenknecht.

WARD FOUR—PRECINCT A.

Warden—John J. Byrnes.

Deputy Warden—Thomas J. Begley.

Clerk—Joseph D. Goddu.

Deputy Clerk—Alexander P. Barre.

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Inspectors—Frank Lamay, William J. Dillon, Joseph Masse, Hormisdas Thomas.

Deputy Inspectors—Thomas C. Dufresne, Urban Fleming, Elzear F. Vautrain, James Long.

WARD FOUR—PRECINCT B.

Warden—James J. Driscoll.

Deputy Warden—William J. O'Connor.

Clerk—John R. McNally.

Deputy Clerk—Joseph K. Menard.

Inspectors—Michael Kerin, Levi Russell, David A. Hendrix, Joseph J. McCarthy.

Deputy Inspectors—Joseph Archambault, Michael J. Grady, Joseph Daudelin, Patrick Shea.

WARD FIVE—PRECINCT A.

Warden—James H. O'Connell.

Deputy Warden—Edward J. Kenney.

Clerk—Ira J. Humes.

Deputy Clerk—Edward C. Purrington.

Inspectors—Richard S. Burns, Daniel F. O'Connell, Henry B. Spencer, G. Herbert Foster.

Deputy Inspectors—John J. O'Connor, Joseph N. Prew, Joseph A. Hinchcliffe, Patrick Green.

WARD FIVE—PRECINCT B.

Warden—Elliot D. Shaw.

Deputy Warden—Frederick L. Bardwell.

Clerk—Frank O'Connor.

Deputy Clerk—Michael P. Hifle.

Inspectors—John L. Connor, White P. Bidwell, Thomas J. Hart, Burlin M. Poole.

Deputy Inspectors—Patrick W. Fitzgerald, George E. Johnson, Michael J. Kingsley, Charles S. Murlless.

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WARD SIX—PRECINCT A.

Warden—Fred N. Ricker.
Deputy Warden—Charles E. Watson.
Clerk—Lawrence F. Dowd.
Deputy Clerk—Edward L. Cassidy.
Inspectors—Lawrence H. Fortier, Charles McCauley, James Devine, William R. Shumway.
Deputy Inspectors—Newton F. Holmes, Thomas O'Connor, George P. Gagnon, Andrew Nye.

WARD SIX—PRECINCT B.

Warden—Henry J. Bogue.
Deputy Warden—Peter Freeman, Jr.
Clerk—Frederick Shearer.
Deputy Clerk—Albion F. Hitchcock.
Inspectors—Edward Cramer, Wilbur H .Stedman, Michael F. Danehy, Edmund J. Lee.
Deputy Inspectors—James T. Barry, William G. Beaudro, James Gray (120 Cabot street), Patrick Cavanaugh.

WARD SEVEN—PRECINCT A.

Warden—Willis D. Ballard.
Deputy Warden—George W. Doane.
Clerk—Thomas O'Keefe.
Deputy Clerk—Bernard F. Bigelow.
Inspectors—Linus D. Crafts, Frank L. Buck, William S. Thorpe, Arthur R. Root.
Deputy Inspectors—Raymond P. Allen, Herbert C. Kegan, William R. S. Chase, William H. Delaney.

WARD SEVEN—PRECINCT B.

Warden—Walter F. Batchelder.
Deputy Warden—John M. James.

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Clerk—John W. Scolley.

Deputy Clerk—Michael W. Scolley.

Inspectors—Earl J. Cain, Edwin B. Evans, William O'Connell, John H .Delaney.

Deputy Inspectors—Thomas E. Sullivan, Richard P. Stapleton, Levi E. Fay, J. Harold Ely.

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REPORT OF
FIRE COMMISSIONERS.

OFFICE OF FIRE COMMISSIONERS,
HOLYOKE, MASS., DEC. 26, 1907.

To the Honorable, the Mayor, and Board of Aldermen.

GENTLEMEN:—Your Board of Fire Commissioners present to you their report for the year ending December 1, 1907.

The Board met January 8, 1907, and organized by the election of Charles L. Newcomb as Chairman, George J. Prew as Vice-Chairman and John Hildreth as Secretary.

The past year started most inauspiciously, for on the seventh day of December we had the worst fire to contend with that we have had for a long time, namely, the McAuslan & Wakelin fire. It started in the basement of the store occupied by Fay & Shumway and evidently when discovered had been burning for some time; the location of the fire made it impossible for the firemen to get at the heart of the fire. The style of construction of the building was such that it was impossible to prevent the flames from creeping up the partitions and so breaking out in the top story, although there was no fire in the second and third stories. The aerial truck with the Newcomb nozzle attached undoubtedly saved this building from destruction as it sent through the top story windows a solid stream of water and we were able to keep this stream at work all the time even if the apparatus was coated with ice.

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Our department never did better and more effective work than at this fire; they demonstrated their ability to successfully cope with a large fire. The day was bitterly cold, and your Commissioners who were personally present at the scene of the fire did all they could to protect the men from any bad effects from the inclement weather by furnishing them with hot coffee and food.

The Springfield, Northampton, Greenfield and South Hadley Falls fire departments rendered very efficient help, which we gratefully acknowledge. Such acts of neighborly kindness help to make life worth more to us all. This fire resulted in a loss of $118,602.45, and as the total loss for 241 fires and alarms was $145,672.98 it will be seen that the total loss on the other 240 fires and alarms was only $27,070.53, and any citizen who will take the trouble to examine the list of fires for the past year will agree that the record made by our fire department will not suffer by a comparison with previous years. The net loss above insurance this year is larger than for many years because some of our merchants did not have sufficient insurance to cover the extra stock that they carry at Christmas time, and so fires that happened about that time resulted in considerable loss to the insured, namely, $16,769.84 above insurance paid, but when we consider that the value of the property directly endangered by fire this year amounted to nearly eight millions of dollars, upon which there was nearly five millions of dollars of insurance, we congratulate our citizens that the losses were as small as they were.

Our city continues to grow rapidly, especially in Ward Six which is being filled by large apartment blocks. Fires in any buildings require prompt attention but especially is this true in apartment blocks crowded as they are with human beings. A few minutes delay in getting to a fire may result in the loss of some precious human life. We take this occasion to thank the public in general and the Street Railway Company in particular for the splendid way

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in which they have responded to our appeal for their co-operation in keeping the streets clear as soon as an alarm of fire is rung. And we again make this same request and trust that everybody will assist us in this matter.

The addition to the Highland Engine House will make this house a really good Engine House. We have asked for this improvement for many years and we take pleasure in thanking you for removing the dangerous conditions that prevailed at this house.

We regret to report that four persons lost their lives in our city the past year from accidents by fire, namely, Jan. 4, 1907, Janet Irving; Feb. 5 ,1907, Mrs. Bridget Farrell; Feb. 9, 1907, Ann Garvan; Oct. 18, 1907, Louis J. Fountain.

These persons lost their lives by reason of some accident to kerosene oil and it only emphasizes over again the repeated warnings of your Commissioners regarding the use of this dangerous fluid.

We take pleasure in publicly commending both the officers and men in the Fire Department for their faithful, steady and reliable work during the past years, and we are glad the generosity of the Mayor and City Council has made it possible for your Commissioners to show their appreciation of the good work done by the Department by giving them an increase in their pay. The revised salary list is as follows:

Pay of members first year.....	$700.00
Pay of members second year.....	775.00
Pay of members third year.....	850.00
Pay of members fourth year.....	925.00
Pay of members fifth year.....	1000.00

Captains are paid $50.00 per year extra and Lieutenants $25.00 extra.

We have purchased two new exercise wagons and also a new combination hose and chemical wagon. This has been placed at House No. 2 where a piece of apparatus like this

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has long been needed as this house is located right in the heart of a crowded tenement district and we are sure that time will prove the wisdom of your Commissioners in purchasing this very fine modern piece of apparatus.

The improvements we have mentioned have cost money but we believe the money has been wisely spent.

We thank your Honorable Mayor and Board of Aldermen for your generous appropriations which have made it possible for your Commissioners to carry out the improvements in the Department which they have made, and we trust you will appropriate sufficient money to enable us to continue to keep our Department up to a high state of efficiency. We make the following recommendations. Some of them are becoming stereotyped, but the necessity still remains and at the risk of becoming tiresome we must repeat them.

First. The location of Engine House No. 1 on High street continues to be as bad as ever; indeed, it grows worse. This street is so crowded that in the evening many pedestrians have to use the street as the sidewalks are so crowded there is no room to pass and to drive the heavy fire apparatus along this street dodging street cars and pedestrians is dangerous business, and we have had many narrow escapes from serious accidents. It is not necessary for us to rehearse the arguments for a new house for headquarters; they are well known to you, and we do most urgently request that you give this matter your careful attention.

Second. We again recommend that a new boiler be put on Engine No. 3 and also on spare engine, so that these engines may be used as spare engines and also to be used to pump out cellars when they are flooded, as we do not think it wise to use our regular engines for this purpose.

Third. We recommend that Engine No 1 be refitted with new pumps and engine; it has been in use 23 years.

Fourth. We again recommend that House No. 4 be sold and a modern Engine House be erected in its place somewhere near the center of the Ward.

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Fifth. We recommend that the Board of Water Commissioners continue their good work in putting in new and large hydrants, particularly in the outlying districts and we recommend that the new hydrants be equipped with the Hercules Independent Gate, and we desire here to express our appreciation of the liberality of the Board of Water Commissioners in these matters.

Sixth. We recommend the purchase of a trolley car for use on the Street Railway for the purpose of conveying fire engines from one city to another, and we believe that if we are to keep in the front rank as fire fighters, we must purchase for our flying squadron a first class horseless vehicle.. There are many arguments in favor of purchasing such a vehicle; one is that when it arrives at a fire the driver can leave it and work at the fire instead of having to care for his horses; then again horses are expensive, it costs a lot of money each year to maintain them and every year we have to purchase new horses. We have had to purchase two this year, so we think it would be wise to take this matter up at an early date.

Seventh. We again recommend the putting of the wires of the Fire Alarm system underground. The necessity for this grows with each year. We have set forth the reasons for this change more fully under the head of Fire Alarm Telegraph and make this mention of it to emphasize this matter more thoroughly.

Eighth. We again recommend that a first class ten-circuit repeater be put in the Fire Alarm Department. We have outgrown the present repeater years ago and it is very unwise to continue its use much longer.

Ninth. We recommend that there be purchased for the use of the Chief of our Fire Department a horseless vehicle. These are now being used successfully and extensively by the Fire Department Chiefs in various cities.

We desire to express to the officers and men of the Militia Company D, our high appreciation of the valuable

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services they rendered us on the occasion of the McAuslan & Wakelin fire. It was very gratifying to us to find that in a few moments after the signal was given almost the entire Company responded and did splendid work in keeping the streets clear so that the firemen could work without interruption, thus aiding us very materially in our efforts to subdue the fire. The work of the Militia on this occasion was highly commendable and received the approbation of the citizens in general.

FINANCE.

The following is a statement of the receipts and expenditures in the Fire Department for the year ending December 1, 1907:

Total appropriations and transfers.....	$99,622.84
Appropriation for new engine.....	5,800.00
Receipts from sale of horses and old apparatus	461.50
Total receipts	$105,884.34

EXPENDITURES.

For salaries	$73,091.09
For call engineers and stokers.....	2,181.66
For auxiliary	583.50
Repairs, new apparatus, supplies and contingent account	24,228.09
Total expenditures	$100,084.34
Appropriation for new engine not expended,	5,800.00
Total	$105,884.34

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SALARIES PAID IN THE DEPARTMENT.

Chief engineer, per year	$2,250.00
Superintendent of fire alarm telegraph, per year	1,400.00
Lineman, pear year	1,050.00
Secretary of commission, per year	600.00
Veterinary, per year	600.00
First assistant engineer, per year	1,500.00
Second assistant engineer, per year	1,300.00
Two permanent engineers of steamers, per year, each	1,000.00
Captains ,per year	1,050.00
Lieutenants, per year	1,025.00
Drivers and permanent men, per year	1,000.00
Four call engineers of steamers, per year	300.00
Five stokers of steamers, per year	200.00
Permanent men in the department, first year	700.00
Permanent men in the department, second year	775.00
Permanent men in the department, third year	850.00
Permanent men in the department, fourth year	925.00
Permanent men in the department, fifth year	1,000.00

FIRES AND ALARMS.

The number of fires and alarms during the past year was 241, of which 86 were rung in from signal boxes, 102 still alarms, and there were 52 fires where no alarm was given, and 1 by thermostat.

There were three false alarms. The following is a statement of the valuation of the property endangered by fire and the insurance on said property, together with the amount of the losses by fire and the amount paid by insurance companies, viz.:

Buildings	$6,987,235.50
Contents	735,218.25
Total	$7,722,453.75

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Insurance on buildings	$4,170,300.00
Insurance on contents	458,551.00
Total	$4,628,851.00
Damage to buildings	$42,953.97
Damage to contents	102,719.01
Total	$145,672.98
Insurance paid on buildings	$40,257.22
Insurance paid on contents	88,645.92
Total	$128,903.14
Total damage	$145,672.98
Total insurance paid	128,903.14
Total net loss on 241 fires and alarms	$16,769.84
The average loss per fire above insurance was	$69.58

The causes of the different fires and alarms are classified as follows, viz.:

Kerosene lamp exploded	8
Spontaneous combustion	12
Desk caught from gas jet	1
Set by boys	35
Soot on fire in chimney	9
Careless use of matches	13
Defective chimney	9
Caught from gas stove	1
Set by tramps	2
Careless use of lighted torch	1
Overheated furnace pipe	8
Overheated bearing	1
Fire started in smoke house	1
Set from cigar stub	8
Cigar stub set awning on fire	3

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Cigar stub set hatchway on fire	1
Gas jet set curtain on fire	5
Rats and matches	3
Thawing out water pipes	3
Hot ashes	17
Gasolene stove exploded	4
Struck by lightning	3
Overturned lamp	2
Filling lighted gasolene stove	1
Oil stove put in hen house	1
Thermostat set off by heat of boiler	1
Match set couch on fire	1
False alarms	3
Match dropped in clothes closet	2
Draperies caught from match	2
Children and matches	23
Gas set window decorations on fire	1
Boys smoking	1
Gasolene caught fire	4
Overheated stack	1
Match dropped in oakum	1
Tar kettle boiled over	2
Caught from stove	1
Piazza caught fire from burning leaves	1
Sparks from locomotive	3
Overheated stove pipe	1
Pipe in coat pocket	2
Oil stove exploded	2
Leaky gas pipe	1
Woman's clothing caught from stove	1
Overturned stove	2
Incendiary	1
Metal polish caught from stove	1
Oil heater overturned	1
Fire started in dry room	1
Metal in rags	1

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Explosion of turpentine	1
Pot of chocolate boiled over	1
Hanging lamp dropped	3
Back draft in chimney	3
Transformer burned	1
Overturned charcoal iron	1
Match set bed clothes on fire	1
Hot coal jumped out of boiler	1
Fire started in cloth carbonizer	1
Hot coal jumped from stove and set floor on fire	1
Match in man's pocket	1
Pan of grease caught on fire	1
Man smoking in cellar	1
Fire started in peanut roaster	1
Gas stove exploded	1
Incubator exploded	1
Skyrocket went through window	1
Metal in picker	2
Curtain caught from lamp	1
Fireworks set roof on fire	1
Overheated stove	2
Unknown	1
Total	**241**

The number of fires and alarms during each month in the year has been as follows, viz.:

December,	1906	20
January,	1907	21
February,	"	18
March,	"	17
April,	"	21
May,	"	20
June,	"	21
July,	"	25
August,	"	27

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September,	"	12
October,	"	22
November,	"	17
Total		241

MANUAL FORCE.

We now have in the Department the following officers and men, viz.: Chief, two assistant engineers, superintendent of fire alarm telegraph and one lineman, eleven captains (one assistant also acts as captain), nine lieutennts, two permanent engineers, twenty drivers, twenty-eight permanent hose and ladder men, two substitutes and one night watchman. We also have four call engineers and five stokers, making a total force of eighty-seven men. This, together with forty members of the auxiliary force, makes a total of 127 men available for a large fire. The auxiliary force consists of applicants for permanent positions in the Fire Department, and members of the Veteran Firemen's Association.

BOARD OF FIRE COMMISSIONERS.

Charles L. Newcomb, Chairman, Term expires January, 1908
George J. Prew, Term expires January, 1909
James H. O'Connell, Term expires January, 1910

John Hildreth, Secretary.
John J. Moynahan, Veterinary.

LOCATION AND ASSESSORS' VALUATION OF THE FIRE ENGINE HOUSES.

House No. 1, 310 High Street,
value of house and land..... $30,000

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House No. 2, 452 Main Street, value of house and land.....	24,000
House No. 3, West Hampden Street, value of house and land.....	11,750
House No. 4, 2 Canal Street, value of house and land.....	15,080
House No. 5, South Street, value of house and land.....	12,220
House No. 6, 62 Chestnut Street, value of house and land.....	7,000
Total	$100,050

APPARATUS.

We have purchased during the past year two new exercise wagons and rebuilt one, which makes it practically as good as new, for Houses 1, 2 and 7. We have also completed a new double tank combination hose wagon and chemical engine which we feel sure will prove a very effective piece of fire apparatus in the district we have placed it, namely, South Holyoke, which is crowded with tenement property where overturned lamps and explosions of gasolene stoves are very frequent.

The apparatus now in service consists of six steam fire engines, one spare engine, two double-tank chemical engines, two combination hose and chemical wagons, five two-horse hose wagons, one aerial truck, one Leverich hook and ladder truck, one double-tank combination chemical and Seagreave hook and ladder truck, one three-horse despatch wagon, six exercise and supply wagons, two chief's wagons, twenty-eight three-gallon chemical extinguishers, one superintendent of fire alarm wagon and three sleighs. The apparatus is in first-class condition.

HAY AND FEED.

The price of hay and feed has been so much higher

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this year that it has added greatly to the cost of carrying on the department, therefore we are not carrying much on hand.

HORSES.

We have forty-one horses in the Department some of which will have to be replaced in the near future but most of them are in good condition. The time has not yet arrived when horses can be entirely displaced, but great advance has been made in the manufacture of fire apparatus which are propelled by motors of various kinds and we are watching with interest the experiments that are being made in this direction and trust that the time will come when this expensive branch of our Department can be equipped with horseless vehicles.

HOSE.

The increased cost of hose only emphasizes the good judgment of the Water Commissioners in putting in new hydrants. The closer the hydrants are placed the less hose we have to use. Hydrants are a permanent improvement while the hose is a matter of annual expediture. We will always be obliged to use hose, but the more hydrants we have the less hose we shall have to buy and we trust that the Water Commissioners will put in as many new hydrants the coming year as possible.

The following is the amount of hose on hadn:

	Good.	Fair.	Poor.	Total.
House No. 1.	8200	500	950	9650
House No. 2.	5000	650	50	5700
House No. 3.	2700	....	....	2700
House No. 4.	3100	....	....	3100
House No. 5.	3000	....	....	3000
House No. 7.	1600	....	400	2000
Totals.	23600	1150	1400	26150

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HOUSES.

During the past year the Board of Public Works has done excellent work in the various engine houses, none of which will be so much appreciated as the extension to the Highland Engine House, which makes this house a first-class engine house. It is now possible to do with comfort and ease the work required from the men and apparatus at this point. We wish to express our gratitude to the Board of Aldermen who have made it possible for us to have this improvement.

FIRE ALARM TELEGRAPH

We would repeat our recommendation of many years passed that the wires of the Fire Alarm System be put underground in the thickly settled portions of the city. We have been very fortunate in the past year that no serious accident has happened to our System, but we believe that it is wrong to carry these wires overhead any longer, and we trust you will make arrangements so that your Board of Fire Commissioners can carry out this improvement in the coming year. A failure on the part of our Fire Alarm System to properly work, would be a serious matter, and we have to commend our superintendent of this department that he has kept his apparatus in such excellent shape that we have had no serious trouble.

The property in this department is as follows, viz.:

Strong current protector board	$250.00
Storage battery	670.00
Case and switchboard	80.00
60 miles of wires	1,175.00
4 tower bells and strikers	6,950.00
12 mechanical gongs in engineer's house	500.00
78 Gamewell signal boxes	9,750.00
300 telegraph poles	600.00
41 private Gamewell boxes	

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6 eighteen-inch gongs and indicators	1,500.00
3 indicators without gongs	375.00
1 dead-man	3.00
4 private Star boxes	
5 city signal boxes, Star make	625.00
25 locust pins	1.00
1 6-circuit repeater	1,500.00
6 stop clocks	42.00
Horse	100.00
Wagon	250.00
Harness, etc.	30.00
Sleigh	40.00
2 pike poles, 1 cant hook, 1 crowbar, 2 shovels	11.25
2 1-4 miles of line wire on hand	67.50
21 back boards for boxes	10.50
12 hook blocks for boxes	3.00
Total	$24,533.25

VALUATION OF PERSONAL PROPERTY.

House No. 1, personal property valued at	$23,100.35
House No. 2, personal property valued at	19,299.00
House No. 3, personal property valued at	13,802.45
House No. 4, personal property valued at	11,912.80
House No. 5, personal property valued at	16,765.25
House No. 6, personal property valued at	7,192.40
Total	$92,012.25

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HOOK AND LADDER COMPANY NO. 1.

Joseph M. LaFrance, second assistant engineer and captain, 310 High street, 1869.

John J. Casey, lieutenant, 310 High street, May 23, 1893.

John J. Moriarty, permanent man, 310 High street, Sept. 26, 1898.

Patrick J. O'Connor, permanent man, 310 High street, April 1, 1905.

James Gately, permanent man, 310 High street, June 29, 1898.

Michael Riley, driver, July 1, 1904.

William Fleming, lineman, 288 Hampden street, 1903.

Daniel J. Cavanaugh, permanent man, 310 High street, April 1, 1905.

Michael Lacey, tillerman, 310 High street, April 1, 1905.

Dominick A. Gorman, permanent man, 310 High street, June 28, 1905.

HOOK AND LADDER COMPANY NO. 2.

John F. Rohan, captain, Hampden street, Jan. 20, 1879.

Patrick F. Sullivan, permanent man, 288 Hampden street, Jan., 1902.

George A. Ellison, driver, 288 Hampden street, Feb., 1895.

COMBINATION CHEMICAL AND HOOK AND LADDER CO. NO. 3.

Daniel J. Gorman, captain, 116 South street, Feb. 15, 1892.

James J. Crowley, lieutenant, 116 South street, Jan. 7, 1892.

Charles F. Aurnhammer, driver, 116 South street, Sept. 6, 1898.

STEAMER AND DESPATCH CO. NO. 1.

Patrick J .Hurley, captain, 310 High street, March 14, 1893.

Joseph M. Riley, lieutenant, 310 High street, Sept. 5, 1899.

John J. Fenton, permanent man, 310 High street, Jan., 1902.

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James O'Grady, permanent man, 310 High street, April, 1896.

Patrick J .Rohan, permanent man, 310 High street, May 19, 1902.

William Brady, night watchman, 310 High street, May 11, 1900.

Sifroy Perron, permanent man, 310 High street, April 1, 1905.

Frank S. Lynch, permanent man, 310 High street, May 5, 1898.

Paul Bieber, driver Despatch No. 1, 310 High street, April 1, 1905.

STEAMER COMPANY NO. 2.

Daniel McLean, captain, 452 Main street, Aug. 5, 1899.

William Gately, lieutenant, 452 Main street, July, 1903.

John B .Moreau, permanent man, 452 Main street, Jan. 13, 1902.

Robert E. McCarthy, driver, 452 Main street, Oct. 7, 1902.

James Lynch, driver Hose, 452 Main street, Oct. 15, 1886.

Patrick Barrett, permanent man, 452 Main street, April 1, 1905.

Dennis Devine, permanent man, 452 Main street, April 1, 1905.

STEAMER CO. NO. 3.

Samuel D. Loomis, captain, 288 Hampden street, July 2, 1884.

Albert Tardy, driver Hose, 288 Hampden street, April, 1892.

Daniel Moynahan, driver, 288 Hampden street, April 15, 1892.

Charles H. Knapp, engineer, 288 Hampden street, Aug. 2, 1870.

James F. Dwyer, permanent man, 288 Hampden street, April 4, 1904.

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STEAMER COMPANY NO. 4.

John Welch, captain, 2 Canal street, Aug., 1892.
John J. Ryan, lieutenant, 2 Canal street, 1892.
Thomas Conway, driver Hose, 2 Canal street, Jan., 1902.
James Brady, permanent man, 2 Canal street, Jan. 26, 1891.
Dennis J. Sheehan, driver, 2 Canal street, April 1, 1905.
Michael Bowler, permanent man, 2 Canal street, Jan., 1902.
Matthew F. Welch, permanent man, 2 Canal street, Oct. 24, 1902.

STEAMER COMPANY NO. 5.

Daniel Hogan, captain, 116 South street, Feb. 5, 1882.
J. J. Hallissey, lieutenant, 116 South street, July 3, 1892.
P. T. Kennedy, permanent man, 116 South street, Aug. 5, 1893.
August Greunert, permanent man, 116 South street, Jan., 1902.
P. J. Kennedy, driver, 116 South street, Jan. 1, 1902.
Louis LaBreque, engineer, 116 South street, Nov. 1, 1887.
Thomas Ash, driver Hose, March, 1899.

STEAMER COMPANY NO. 6.

Thomas Ryan, engineer, 62 Chestnut street, Nov. 1, 1887.
Patrick J. Cronin, stoker, 62 Chestnut street, April 5, 1890.

HOSE COMPANY NO. 6.

Daniel J. Brennan, captain, 452 Main street, April 6, 1885.
Michael Donoghue, lieutenant, 452 Main street, Jan., 1902.
Daniel J. Moriarty, permanent man, 452 Main street, June, 1903.
J. J. Sullivan, driver Hose, 452 Main street, March 19, 1896.
George Miles, permanent man, 452 Main street, April 1, 1905.

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HOSE COMPANY NO. 7.

James J. Long, captain, 62 Chestnut street, Aug., 1890.
John J. Manning, lieutenant, 62 Chestnut street, Sept. 5, 1899.
Edmund C. Buckley, permanent man, 62 Chestnut street, Jan., 1902.
Daniel J. Lynch, driver Hose, 62 Chestnut street, 1896.
George Hickson, permanent man, 62 Chestnut street, June 28, 1905.

CHEMICAL ENGINE COMPANY NO. 1.

John P. Wynn, captain, 310 High street, Jan. 25, 1892.
Walter Watt, lieutenant, 310 High street, Feb. 15, 1892.
Timothy Harrington, driver, 310 High street, Jan. 6, 1876.
William J. Millane, permanent man, 310 High street, April 1, 1905.

CHEMICAL ENGINE COMPANY NO. 3.

George F. Orrell, captain, 288 Hampden street, Feb., 1894.
A. F. Mulqueeney, driver, 288 Hampden street, May 20, 1895.
W. H. Strain, permanent man, 288 Hampden street, April 30, 1898.

CALL ENGINEERS AND STOKERS.

STEAMER NO. 1.

Frank A. Shelley, engineer, mechanic, 35 Newton place, April, 1876.
White P. Bidwell, stoker, paper finisher, 37 Newton place, April, 1876.

STEAMER NO. 2.

James A. Flynn, engineer, mechanic, 55 Hamilton street, Oct. 7, 1900.
Edward Ahearn, stoker, moulder, 407 Main street, Aug. 5, 1899,

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STEAMER NO. 3.

L. F. Thorpe, stoker, carpenter, 22 Waldo street, March, 1892.

STEAMER NO. 4.

John F. Mahoney, engineer, tinner, 2 Center street, 1898.
James F. O'Connor, stoker, mechanic, 208 West street, provisional appointment.

STEAMER NO. 6.

Thomas Ryan, engineer, mechanic, 124 Maple street.
Patrick J. Cronin, stoker, mechanic, 231 High street.

CONCLUSION.

We again thank the Honorable Mayor and City Council for their liberal appropriations made for the Fire Department and for the various acts of courtesy shown us during the past year and we hope that the new Board of Aldermen will make appropriations sufficiently liberal to enable us to carry out the various recommendations that we have made so that we may still strengthen and improve our Fire Department, and we hope that these various recommendations may have your careful consideration and at least some of them may commend themselves to you so that you will enable us to carry them into effect. We take this opportunity to thank the Board of Public Work, the Board of Water Commissioners, Electric Light Department, City Clerk, City Treasurer, Ctiy Auditor, City Marshal, and all the other public officers for their uniform courtesy shown us during the past year, and especially do we desire to thank the Street Railway Company for the privilege they have extended to the firemen to ride upon the cars when in uniform. This courtesy will be greatly appreciated by the members of the Department and on their behalf we thank the Street Railway Company.

Respectfully yours,
CHARLES L. NEWCOMB,
GEORGE J. PREW,
JAMES H. O'CONNELL,
Fire Commissioners.

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REPORT OF
CITY TREASURER.

City Treasurer's Office,
City Hall, Holyoke, Mass., Dec. 2, 1907.

To the Honorable, Mayor and Aldermen:

GENTLEMEN:—I have the honor to present to you the annual report for the fiscal year 1906-1907.

Balance on hand December 1, 1906.....	$ 140,049.50
Total receipts during fiscal year 1906-1907...	2,246,573.81
	$2,386,623.31
Total payments during fiscal year 1906-1907	$2,224,410.95
Balance on hand November 30, 1907.....	162,212.36
	$2,386,623.31

RECEIPTS.

The amounts received from various sources and credited to sundry accounts are as follows:

Board of Health	$ 152.92
City Hall Rental	1,891.84
City Property	166.23
Contingent	888.90
City Yard Building	40 00
Bridge Street School	15,000.00
Fire	461.50
Gas and Electric Department.....	323,706.18
General Receipt Account	2,997.50
Highways and Bridges	9,122.93

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Highway Permanent Works		1,612.44
Holyoke Water Commissioners		13,750.00
Income from Cemetery Funds Deposits		27.47
Interest on Daily Balances		3,518.80
Lighting		2.20
Liquor Licenses		82,481.00
Military Aid Civil War		101.00
Municipal Sinking Fund Commissioners		166,000.00
Parks		68.70
Police		5,566.04
Sealer of Weights and Measures		660.38
Sundry Licenses		2,014.00
Relief		7,376.24
State Aid Civil War		235.00
State Aid Spanish War		12.50
Schools		2,689.44
Sewers		68.58
Sidewalks,		231.38
Soldiers' Burial		35.00
T. F. McCabe, Coll. Excise Tax 1907		3,490.36
T. F. McCabe, Coll. Sidewalks 1904	$ 33.32	
T. F. McCabe, Coll. Sidewalks 1905	514.07	
T. F. McCabe, Coll. Sidewalks 1906	2,073.02	
		2,620.41
T. F. McCabe, Coll. Sewers 1904	727.30	
T. F. McCabe, Coll. Sewers 1905	976.50	
T. F. McCabe, Coll. Sewers 1906	1,807.59	
		3,511.39
T. F. McCabe, Coll. Int. Taxes 1903	2.00	
T. F. McCabe, Coll. Int. Taxes 1904	33.55	
T. F. McCabe, Coll. Int. Taxes 1905	2,370.50	

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T. F. McCabe, Coll. Int. Taxes 1906	2,449.23	
T. F. McCabe, Coll. Int. Taxes 1907	54.01	
		4,909.29
T. F. McCabe, Coll. Taxes 1903..	89.14	
T. F. McCabe, Coll. Taxes 1904..	990.19	
T. F. McCabe, Coll. Taxes 1905..	22,941.52	
T. F. McCabe, Coll. Taxes 1906..	73,249.53	
T. F. McCabe, Coll. Taxes 1907..	658,699.25	
		755,969.63
Sewers Permanent Construction		12.90
Sewers 1902		10.00
Sidewalks 1901		1.00
Sidewalks 1903		184.31
Railroad Alley Paving		71.95
Corporation Tax		52,971.60
National Bank Tax		2,503.18
Temporary Loans		600,000.00
Whiting Street Fund		1,562.50
Gas and Electric Bonds 1907		35,247.59
Public Park Loan 1907		18,132.00
School Loan 1907		9,019.78
10 Years Municipal Bonds 1907		79,213.75
20 Years Municipal Bonds 1907		36,264.00
Total Receipts		$2,246,573.81

PAYMENTS.

The amounts disbursed and charged to sundry accounts are as follows:

Armory Tax Interest	$ 1,819.65
Armory Tax Sinking Fund	1,411.16
Assessors	6,800.00
Alleys.	25,069.17
Board of Health	10,112.13

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City Hall Rental	16.84
City Property	26,350.44
City Engineering	7,500.00
City Yard Building	15,744.95
County Tax	45,530.20
Contingent	17,980.16
Contingent, Board of Public Works	721.22
Fire	100,084.34
Fuel	19,892.87
Gas and Electric	242,653.66
Gas and Electric Interest	27,204.50
Gas and Electric Renewals and Extensions	28,061.68
Gas and Electric Extensions	22,000.00
Highways and Bridges	30,974.29
Highway Permanent Works	45,858.67
Income from Cemetery Funds Deposit	27.47
Interest City Debt	55,087.50
Interest Water Debt	13,750.00
Interest Railroad Stock	9,040.00
Interest Temporary Loans	17,831.88
Highland Engine House Addition	7,000.00
Jackson Street Underpass	1,426.37
Janitors	16,161.54
Janitors' Supplies	485.11
Lighting	39,287.77
Liquor Licenses	20,620.25
Military Aid Civil War	918.00
Military Aid Spanish War	60.00
Municipal Sinking Fund Commission	28,610.00
Municipal Lighting Bonds	36,600.00
National Bank Tax	15,988.22
Overlayings	64.60
Parks	24,512.30
Police	60,727.09
Public Library	12,500.00
Oakdale School	9,000.00

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Permanent Sewers	21,172.32
Relief	49,196.89
Salaries Board of Public Works	8,767.14
Salaries,	21,339.86
Sewers	8,304.19
Schools	182,332.93
Soldiers' Burial	214.00
Soldiers' Relief	608.00
State Aid, Civil War	2,614.00
State Aid Spanish War	123.00
State Tax	50,800.00
Street Watering	10,760.57
Sidewalks	17,725.23
Ward Two School	28,175.78
Water Rents	12,115.26
Whiting Street Fund	1,177.75
City Debt	166,000.00
Temporaray Loans	555,000.00
Serial Bonds	42,500.00
Total Payments	$2,224,410.95

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BALANCE SHEET, NOVEMBER 30, 1907.

Dr.

Holyoke Water Works		$1,295,308.26
Gas and Electric Light Plant		920,465.88
Real Estate (as valued by the Assessors)		1,948,915.00
Holyoke and Westfield Railroad Stock (par value)		226,500.00
Water Works Sinking Fund Commission	$ 99,865.82	
Municipal Sinking Fund Commission	205,013.73	
		304,879.55
Commonwealth of Massachusetts		3,137.00
T. F. McCabe, Coll. Taxes 1904	198.78	
T. F. McCabe, Coll. Taxes 1905	2,043.72	
T. F. McCabe, Coll. Taxes, 1906	35,962.80	
T. F. McCabe, Coll. Taxes 1907	143,430.64	
		181,635.94
Deposit of Cemetery Funds		800.00
Cash		162,212.36
		$5,043,853.99

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Cr.

City Property	$ 11,178.94	
City Yard Building	2,295.05	
Highway Permanent Works	7,167.81	
Highways and Bridges	1,252.00	
Jackson Street Underpass	33,573.63	
Ward Two School	242.65	
		55,710.08
Funded Debt Direct	689,500.00	
Funded Debt (authorized by special acts)	699,000.00	
		1,388,500.00
Funded Debt for Gas and Electric Plant	769,600.00	
Funded Debt for Holyoke Water Works	350,000.00	
Funded Debt for H. & W. R. R. Stock	226,000.00	
		1,345,600.00
Sinking Fund for City Debt	205,013.73	
Sinking Fund for Holyoke Water Works	99,865.82	
		304,879.55
Fire Engine		5,800.00
Parks		12,796.40
Overlayings		10,682.62
Gas and Electric Extension		13,000.00
Gas and Electric Department		1,153.24
Cemetery Funds		800.00
Whiting Street Fund		933.00
Temporary Loans (in anticipation of taxes)		245,000.00
City of Holyoke		1,658,999.10
		$5,043,853.99

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BONDED C

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Payable in	Hol. & W. R.R. Stock.	Wate W'k
1908		
1909		
1910	$166,000	
1911		
1912		
1913	60,000	$50,0
1914		
1915		
1916		
1917		
1918		
1919		
1920		
1921		
1922		
1923		
1924		
1925		
1926		
1927		250,0
1928		
1929		
1930		50,0
1931		
1932		
1933		
1934		
1935		
1936		
1937		
Totals,	$226,000	$35

* Serial Bonds.

† To be met by Sin

** Exempted by spe the Legislature.

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SCHEDULE OF REAL ESTATE.

Valued by the Board of Assessors in 1907.

SCHOOL BUILDINGS AND LAND.

Brick School.	
Lyman and Center Streets	$12,560.00
East Dwight and Center Streets	21,880.00
West Street	94,000.00
Hamilton Street	30,600.00
Morgan School (Bridge Street)	74,530.00
Sargeant Street	20,970.00
Hamilton and Park Streets	48,760.00
Main and Papineau Streets	27,320.00
Elm Street	32,750.00
Maple and Appleton Streets	38,300.00
Sargeant and Chestnut Streets	27,050.00
Pine, Sargeant, Beech and Hampshire Sts.	264,840.00
Carlton Street	6,520.00
School Street	4,220.00
Carlton and South Streets	52,820.00
Nonotuck Street	27,250.00
Nonotuck, Lincoln, Waldo and Allyn Sts.	116,090.00
Chestnut Street	12,000.00
Ingleside	2,240.00
West Holyoke	900.00
Wooden.	
Temple Street	5,860.00
School House Lot (Sargeant Street	9,000.00
	$930,460.00

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ENGINE HOUSES AND LAND.

Engine House.	
Chestnut Street	$10,000.00
Canal Street	15,080.00
Main Street	24,400.00
South Street	12,220.00
High Street	52,000.00
West Hampden Street	11,750.00
Springdale Avenue	1,810.00
	$127,260.00

MISCELLANEOUS.

City Hall Building, High and Dwight Streets	$634,000.00
Hillside Hospital, Jarvis Avenue	5,700.00
City Farm, House and Barn, Ingleside	37,830.00
Barn and Sheds, Commercial Street	13,300.00
Bath House in Ward Two, Summer Street	1,600.00
Bath House in Ward Four, Walnut Street	1,775.00
Bath House in Ward Six, Commercial Street	1,275.00
	$695,480.00

PARKS.

Hampden Park, Hampden, Maple, Chestnut and Dwight Streets	$68,640.00
Prospect Park, Prospect Street	51,255.00
Canonchet Park, Bowers, Samosett, West and Pequot Streets	21,280.00
Hamilton Park, Sargeant Street	7,780.00
Germania Park, Bridge, Park and Jackson Streets	3,330.00
Ranger Park, Appleton and Suffolk Streets	500.00
Ewing Park, Appleton, Pleasant and Dwight Streets	290.00
Coghlan Park, Crescent and Park Streets	580.00

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Elmwood Park, Elmwood	6,500.00
Springdale Park, Main Street	17,500.00
Laurel and Willow Street Triangle	250.00
	$177,905.00

LAND.

Jefferson Street	$ 50.00
Berkshire, Race and Hancock Streets	10,510.00
Pearl Street and Madison Avenue	500.00
Jefferson Street and Madison Avenue	100.00
Jefferson Street and Madison Avenue	230.00
Madison Avenue and Pearl Street	680.00
East Side of Pearl Street	100.00
Madison Avenue and Pearl Street	500.00
East and West Side Pleasant, West of Dingle	3,540.00
Gravel Pit (Ingleside)	1,600.00
	$17,810.00

School Buildings and Land	$930,460.00
Engine Houses and Land	127,260.00
Miscellaneous	695,480.00
Parks	177,905.00
Land	17,810.00
Total Value of Real Estate	$1,948,915.00

Respectfully submitted,

PIERRE BONVOULOIR,
City Treasurer.

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I hereby certify that I have examined the accounts of the Treasurer of the City of Holyoke for the year ending November 30, 1907, and find same to be correct. I have verified the balance sheet of November 30, 1907, showing cash on hand at that date amounting to $162,212.36.

WALTER W. EATON,
Public Accountant.

Holyoke, Mass., January 6, 1908.

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REPORT OF THE

Gas and Electric Department.

CITY OF HOLYOKE, MASS.
OFFICE OF GAS AND ELECTRIC DEPARTMENT.
January 3, 1908.

To the Honorable, The Mayor, and the Board of Aldermen.

GENTLEMEN:— I hand you herewith the fifth annual report of the Gas and Electric Department.

The department has had a large increase in business during the past year, that at the gas works being an unusual one. There has been sent out nearly 27,000,000 cubic feet more gas than during 1906, or about 20 per cent gain. If such a decided gain continues during the next few years, it will be necessary to very materially increase the capacity of some of the apparatus at the works in order to handle the increased volume of gas manufactured. Six hundred and seventy-eight thousand feet of gas has already been forced through apparatus that was designed to care for only 500,000 cubic feet daily. At the beginning of the past year the price of gas was reduced twenty cents per thousand feet, which reduction, figured upon the amount of business done in 1906, took $25,000.00 out of the receipts of the department; but owing to the increase in business for 1907, the income from gas has been $2,400.00 greater than for the year before.

The customary repairs at the works and upon the distributing mains have been made. There have been 4,132 feet of small wrought iron mains discontinued, larger cast iron pipes taking their place. There have been 2.51 miles

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of 4-inch, 6-inch and 8-inch mains laid, making a net gain in mileage of pipe of 1.73 miles, the total mileage of gas mains of various sizes being 44.6 miles. There has been added to the gas works a duplicate set of water gas apparatus, doubling the capacity of the water gas plant as well as adding to its reliability. There have also been two small sheds added to the buildings. There are now in use 8,152 gas meters, there having been a gain during the year of 1,351 meters or 19.8 per cent.

There has been sent out from the electric station 978,400 kilowatts more current than was sent out during 1906, or a gain of 28 per cent over that year. The increase in the number of customers has been 155 or 21 per cent, and that in the number of meters 267 or 37 per cent. There have been 11½ miles of wire and 86 poles added to the distributing lines. There have also been added 43 transformers. Ten thousand dollars was taken out of the income of the station by the reduction in the price of street lights from $80.00 to $60.00 per year; but the large increase in business more than made good the loss. Owing to this increase, it is found practicable to reduce the price of electricity for lighting from 10 cents net per K. W. to 6 cents net. This is a reduction of 40 per cent in the price. Commencing with the first of February, 1908, the price will be 8 cents with 2 cents discount per kilowatt on all bills paid on or before the 10th of the month, making the net price 6 cents per kilowatt.

The following tables present data from the records of the gas works.

DATA.

Gas distributed, cubic feet,	163,850,634
Coal carbonized, tons,	9,764
Gas oil used, gallons,	296,175
Coke made, bushels,	342,208
Coke used in retort house, bushels,	184,032

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Coke used in water gas generator, bushels,	52,220
Coke sold, bushels,	110,317
Tar made, gallons,	122,906
Tar sold, gallons,	121,285

GAS MAINS.

		Laid in 1907.
1 inch	1,436 feet	
1¼ inch	6,672 feet	
1½ inch	2,772 feet	
2 inch	7,772 feet	
2½ inch	380 feet	
3 inch	70,259 feet	
4 inch	66,579 feet	5,556 feet
6 inch	46,041 feet	1,291 feet
8 inch	16,101 feet	6,440 feet
12 inch	10,475 feet	
15 inch	440 feet	
16 inch	6,578 feet	
	235,505 feet	13,287 feet

Making 44.6 miles of mains laid.

GAS SERVICES RUN.

1¼ inch	120
1½ inch	48
2 inch	13
	181

GAS METERS

3-light meters in use December 1, 1907,	7,656
5-light meters in use December 1, 1907,	165
10-light meters in use December 1, 1907,	166
20-light meters in use December 1, 1907,	60

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30-light meters in use December 1, 1907,	37
45-light meters in use December 1, 1907,	25
50-light meters in use December 1, 1907,	1
60-light meters in use December 1, 1907,	11
80-light meters in use December 1, 1907,	5
100-light meters in use December 1, 1907,	9
150-light meters in use December 1, 1907,	6
200-light meters in use December 1, 1907,	6
300-light meters in use December 1, 1907,	4
400-light meters in use December 1, 1907,	1
	8,152
Regular meters in use December 1, 1906,	3,441
Prepay meters in use December 1, 1906,	3,360
	6,801
Regular meters in use December 1, 1907,	3,480
Prepay meters in use December 1, 1907,	4,672
	8,152

Gain in number of meters 1,351, or 19.8 per cent.

PERMANENT EMPLOYEES.

Superintendent,	1
Inspectors,	3
Clerk,	1
Meter and complaint man.	1
Foremen at works,	5
Repair man,	1
Foremen on street work,	2
Stokers,	21
Water gas helpers,	2
Coke man,	1
Purifier helpers,	2
Street men,	2
Firemen,	3
Total,	45

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Net price of gas, $1.00 per thousand feet.

The following tables present data from the records of the electric station:

Current sent out from station, kilowatts,	4,469,380
Number of customers, total,	869
Number of customers, power,	130
Number of miles of wire in streets,	178½
Number of poles in streets,	2,062
Number of transformers in use,	167
Number of meters in use,	989
Number of street arc lamps,	513
Number of commercial arc lamps,	431
Number of 32 C. P. street incandescent lamps,	2
Number of 30 C. P. street incandescent lamps,	17
Number of 16 C. P. street incandescent lamps,	25
Number of tons of steam coal used,	3,693

PERMANENT EMPLOYEES.

Superintendent,	1
Foreman,	1
Engineers,	3
Oilers,	4
Firemen,	4
Dynamo men,	3
Trimmers,	7
Line and repair men,	8
Laborers,	3
Total,	34

Net price of electricity, 10 cents per K. W. After February 1, 1908, 6 cents per K. W.

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The following is the financial statement of the department:

WORKING ACCOUNT, YEAR ENDING NOV. 30, 1907.

EXPENSES.

Coal,	$64,128.59	
Oil,	14,946.37	
Supplies,	10,355.37	
Repairs,	22,452.74	
Water power rental,	20,292.28	
Pay roll,	65,340.95	
Office expenses,	3,599.12	
Insurance,	1,245.30	
Miscellaneous,	615.33	
		$202,976.05
Bad debts,	544.70	
Interest,	27,116.74	
Depreciation,	29,275.23	
		56,936.67
		$259,912.72
Profit and loss.		54,930.90
		314,843.62

INCOME.

Gas and electricity,	$307,227.64	
Coke and tar,	7,615.98	
		$314,843.62

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BALANCE SHEET, NOV. 30, 1907.

ASSETS.

Plants, Nov. 30, 1906,	$1,034,970.54	
Additions and extensions,	95,647.46	
	$1,130,618.00	
Less depreciation,	28,061.68	
		$1,102,556.32
Supplies, . . .	$18,340.33	
Coke and tar, . .	2,111.68	
Gas delivered, not billed,	6,354.31	
Book accounts, . .	3,195.89	
		30,002.21
		$1,132,558.53

LIABILITIES.

City of Holyoke cash invested in plants to date,	$919,312.64	
Accounts payable,	18,253.30	
		$937,565.94
Depreciation fund, . . .		29,275.23
Profit and loss		165,717.36
		$1,132,558.53

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GAS WORKING ACCOUNT, YEAR ENDING NOVEMBER 30, 1907.

EXPENSES.

Coal,	$47,821.20	
Oil,	14,358.00	
Supplies,	3,819.63	
Repairs,	12,609.01	
Water power rental,	748.77	
Pay roll,	35,255.25	
Office expenses,	1,907.54	
Insurance,	645.52	
Miscellaneous,	193.49	
		$117,358.41
Bad debts,	$458.57	
Interest,	14,371.87	
Depreciation,	15,506.14	
		30,336.58
		$147,694.99
Profit and loss,		9,981.67
		$157,676.66

INCOME.

Gas,	150,060.68	
Coke and tar,	7,615.98	
		$157,676.66

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ELECTRIC WORKING ACCOUNT, YEAR ENDING NOVEMBER 30, 1907.

EXPENSES.

Coal,	$16,307.39	
Oil and waste,	588.37	
Supplies,	6,535.74	
Repairs,	9,843.73	
Water power rental,	19,543.51	
Pay roll,	30,085.70	
Office expenses,	1,691.58	
Insurance,	599.78	
Miscellaneous,	421.84	
		$85,617.64
Bad debts,	$86.13	
Interest,	12,744.87	
Depreciation,	13,769.09	
		26,600.09
		$112,217.73
Profit and loss,		44,949.23
		$157,166.96

INCOME.

Electricity,	$157,166.96

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BALANCE SHEET, NOVEMBER 30, 1907.

ASSETS.

Gas works, cost Nov. 30, 1906,	$551,916.60		
Additions and extensions,	42,884.68		
	$594,801.28		
Less depreciation,	15,097.50		
		$579,703.78	
Supplies,	$11,921.58		
Coke and tar,	2,111.68		
Gas delivered, not billed,	6,354.31		
Book accounts,	1,435.83		
		$21,823,40	
			$601,527.18
Electric plant, cost Nov. 30, 1906,	$483,053.94		
Additions and extensions,	52,762.78		
	$535,816.72		
Less depreciation,	$12,964.18		
		$522,852.54	
Supplies,	$6,418.75		
Book accounts,	1,760.06		
		$8,178.81	
			$531,031.35
			$1,132,558.53

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LIABILITIES.

City of Holyoke, cash invested in plants to date,	$919,312.64		
Accounts payable,	18,253.30		
		$937,565.94	
Depreciation, . .		29,275.23	
Profit and loss, . .		165,717.36	
			$1,132,558.53

Respectfully submitted,
WILLIAM H. SNOW, Manager.

Examined and Approved,
January 3, 1908.

WALTER W. EATON,
Public Accountant.

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ANNUAL REPORT OF THE

DEPARTMENT OF POLICE.

OFFICE OF THE CITY MARSHAL.

Holyoke, Mass., December 1, 1907

To the Honorable, the Mayor and Board of Aldermen of the City of Holyoke.

GENTLEMEN:—In compliance with the City Ordinance, I have the honor herewith to submit for your consideration the annual report of this Department for the year ending November 30, 1907.

ORGANIZATION.

The regular force consists of a Marshal, Assistant Marshal, Captain, Lieutenant, Matron, and fifty-one Patrolmen, two of whom are doing special duty, and three are detailed for house duty.

ROSTER OF THE FORCE, 1907.

Name.	Rank.	Date of Appointment.
Thomas J. Lynch,	Marshal,	May 20, 1907
Patrick Herbert,	Assist't Marshal,	January 8, 1880
Timothy Haley,	Captain,	February 5, 1885
Patrick E. Sullivan,	Lieutenant,	January 17, 1884
Dennis Mack,	Special Duty,	May 5, 1880
Thomas E. Bligh,	" "	February 19, 1895
William E. Blackmer,	House Duty,	January 17, 1884
John A. Powers,	" "	January 12, 1888
Cornelius Curran,	" "	February 14, 1891

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Name.	Rank.	Date of Appointment.
Michael Shine,	Patrolman,	April 6, 1869
Richard Peters,	"	January 7, 1880
Thomas F. Riley,	"	January 20, 1883
Henry J. Campbell,	"	January 17, 1884
Michael J. Lynch,	"	January 17, 1884
Frank M. Priest,	"	January 28, 1884
George L. Dickinson,	"	February 3, 1885
Patrick F. Ryan,	"	January 7, 1887
Frank J. Gallagher,	"	January 18, 1887
Francis H. Hastings,	"	January 12, 1888
John A. Geran,	"	January 12, 1888
Peter A. Cullen,	"	February 14, 1891
James B. Griffin,	"	February 14, 1891
John J. Moriarty,	"	February 14, 1891
Jeremiah J. Linnehan,	"	February 14, 1891
Patrick J. Reardon,	"	February 14, 1891
John Leary,	"	May 4, 1892
John W. Vaugh,	"	June 8, 1892
John A. Vachon,	"	June 8, 1892
James T. Donoghue,	"	June 2, 1896
Rock H. Lalonde,	"	June 2, 1896
Maurice M .O'Connor,	"	June 2, 1896
Thomas Bresnahan,	"	June 2, 1896
Maurice H. Shine,	"	August 5, 1897
Matthew McClellan,	"	August 5, 1897
Henry M. Fisher,	"	August 27, 1897
Daniel C. McCarthy,	"	September 8, 1898
Frank R. Metcalf,	"	February 16, 1900
Richard E. Lowcock,	"	March 22, 1900
William J. Carey,	"	February 4, 1901
Michael Driscoll,	"	February 4, 1901
Peter J. Manning,	"	February 8, 1902
Patrick J. Kennedy,	"	February 8, 1902
Walter E. Murray,	"	May 12, 1902
Edward F. Gilday,	"	July 3, 1903
James Malcolm,	"	July 3, 1903

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Patrick J. Driscoll,	"	July 3, 1903
Thomas J. Rourke,	"	July 3, 1903
Patrick J. Gaughan,	"	July 11, 1904
Andre J. Senay,	"	March 8, 1906
Albert Mew,	"	June 1, 1906
John J. O'Donnell,	"	June 1, 1906
Maxwell McDowell,	"	August 15, 1906
James T. Welch,	"	January 1, 1907
John J. Grady,	"	February 1, 1907
Henry Sussenguth,	"	October 23, 1907
Mrs. Kate Moynihan,	Matron,	April 1, 1891

STATISTICS OF ARRESTS.

Total number of arrests	1,680
Males	1,530
Females	150

ARRESTS WERE MADE FOR THE FOLLOWING OFFENSES.

Accessory before the fact	1
Attempt to break and enter	2
Assault with intent to kill	1
Assault with a dangerous weapon	5
Assault on an officer	13
Assault	166
Breach of the peace	11
Breaking and entering	6
Bastardy	1
Being present at gaming on the Lord's day	13
Cruelty to animals	3
Carrying a dangerous weapon	2
Drunkenness	1,086
Delinquent child	3
Disturbing the peace	3
Fornication	4

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Gaming on the Lord's day	7
Indecent exposure of person	3
Illegal sale of intoxicating liquor	1
Keeping open shop on the Lord's day	3
Keeping a house of ill fame	2
Keeping a gaming house	1
Larceny	104
Larceny from the person	2
Malicious mischief	4
Malicious injury to personal property	1
Non-support	15
Night walking	3
Neglected child	43
Operating a steam engine without license	1
Overspeeding an automobile	1
Peddling without a license	4
Ringing a false fire alarm	1
Receiving stolen goods	3
Stubbornness	5
Sureties of the peace	3
Stoning a railroad train	1
Truancy	9
Trespass	1
Unlawfully taking a team	6
Unlawful cohabitation	1
Violation butter law	8
Violation oleomargarine law	20
Violation game law	5
Violation city ordinances	30
Vagrancy	56
Walking on railroad track	16
	1,680

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DISPOSITION OF CASES.

Appealed	7
Bound over to the Superior Court	11
Committed to the House of Correction for non-payment of fine	361
Committed to the House of Correction	242
Committed to the Massachusetts Reformatory	15
Committed to the Massachusetts Hospital for Dipsomaniacs	1
Committed to the Lyman School for Boys	5
Committed to the Hampden County Truant School	5
Committed to the care of the State Board of Charity	20
Committed to the Woman's Reformatory Prison	8
Discharged	68
Dismissed	4
Defaulted bonds	1
Fined and paid	575
Furnished sureties to keep the peace	1
Probated and discharged	70
Placed on file	130
Released	156
	1,680

AGES.

Under 17 years	175
17 and under 25	345
25 and under 35	426
35 and under 45	422
45 and under 55	217
55 and under 65	73
65 and under 75	22
	1,680

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NATIVITY OF PERSONS ARRESTED.

America	859
Austria	58
China	1
Canada	195
Denmark	1
England	36
France	5
Greece	3
Germany	16
Holland	1
Hungary	5
Ireland	315
Italy	15
Prince Edward Island	2
Poland	80
Portugal	1
Russia	48
Scotland	32
Sweden	5
Wales	2
	1,680

NUMBER OF ARRESTS EACH MONTH.

December, 1906	139
January, 1907	114
February, 1907	71
March, 1907	103
April, 1907	167
May, 1907	168
June, 1907	130
July, 1907	158
August, 1907	172
September, 1907	156
October, 1907	158
November, 1907	144
	1,680

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CLASSIFICATION OF ARRESTS BY MONTHS.

	Dec. 1906	Jan. 1907	Feb. 1907	Mar. 1907	Apr. 1907	May 1907	June 1907	July 1907	Aug. 1907	Sept. 1907	Oct. 1907	Nov. 1907	TOTAL.
Accessary before the fact												1	1
Attempt to break and enter					2								2
Assault with intent to kill								1					1
Assault with a dangerous weapon					1			1		3			5
Assault on an officer	1	1				2	1	2	4	1	1		13
Assault	9	5	5	12	14	18	18	19	27	12	17	10	166
Breach of the peace				1		2				6	1	1	11
Breaking and entering		1	1	1	1		1		1				6
Bastardy										1			1
Being present at gaming on the Lord's day		13											13
Cruelty to animals					3								3
Carrying a dangerous weapon						1							2
Drunkeness	103	53	58	77	92	108	77	106	114	106	98	94	1086
Delinquent child											3		3
Disturbing the peace											2	1	3
Fornication													4
Gaming on the Lord's day		7											7
Indecent exposure of person							1		1			1	3
Illegal sale intoxicating liquors											1		1
Keeping open shop on the Lord's day												3	3
Keeping a house of ill fame									1	1			2
Keeping a gaming house		1											1
Larceny	11	13	1	6	10	12	6	8	5	6	17	9	104
Larceny from the person						2							2
Malicious mischief		1					1					1	4
Malicious mischief to personal property											1		1
Non support	4	1		2		1	2	2			2	1	15
Night walking							3						3
Neglected child	5	4			2	11	3	11	1	2		4	43
Operating a steam engine without a license						1							1
Overspeeding an automobile											1		1
Peddling without a license					2			1	1				4
Ringing false fire alarm												1	1
Receiving stolen goods						1				1	1		3
Stubborness						3	1			1			5
Sureties of the peace	1						2						3
Stoning a railroad train												1	1
Truancy					1	1	2				3	2	9
Trespass		1											1
Unlawfully taking a team		2			2			1		1			6
Unlawful cohabitation											1		1
Violation of butter law					8								8
Violation of oleomargarine law					20								20
Violation of game law	1								1			3	5
Violation of city ordinance	3	1	1	3	4	3	4	3	4	2	1	1	30
Vagrancy	1	6	5	1	4	1	4	2	8	10	4	10	56
Walking on railroad track					1	1	4		4	2	4		16
	139	114	71	103	167	168	130	158	172	156	158	144	1680

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DISPOSITION OF CASES FOR THE YEAR 1907.

	Dec. 1906	Jan. 1907	Feb. 1907	Mar. 1907	April 1907	May 1907	June 1907	July 1907	Aug. 1907	Sept. 1907	Oct. 1907	Nov. 1907	TOTAL
Appealed	.....	.....	....	1	.....	.....	.....	1	.....	1	2	2	7
Bound over to Superior Court	1	.....	1	2	.....	3	1	1	1	.....	1	.....	11
Committed to House of Correction for non-payment of fine	23	14	20	21	33	30	30	28	41	46	31	44	361
Committed to the House of Correction	21	16	18	16	19	22	22	23	20	21	21	23	242
Committed to the Massachusetts Reformatory	.....	5	.....	1	1	1	.....	1	.....	1	1	4	15
Committed to the Massachusetts Hospital for Dipsomania	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Committed to the Lyman School for Boys	.....	.....	.....	.....	.....	1	1	.....	.....	....	3	.....	5
Committed to the Hampden County Truant School	.....	.....	.....	.....	1	.....	1	.....	.....	.....	1	2	5
Committed to the care of the State Board of Charity	9	4	.....	.....	1	1	3	.....	1	1	.....	.....	20
Committed to the Woman's Reformatory Prison	.....	1	.....	.....	.....	.....	.....	3	1	1	.....	2	8
Discharged	10	5	1	5	9	5	4	5	4	4	12	4	68
Dismissed	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	4
Defaulted Bonds	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Fined and Paid	43	40	16	30	61	58	40	62	71	57	61	36	575
Furnished Sureties to keep the peace	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Probated and discharged	15	5	2	8	2	10	10	4	9	.....	5	.....	70
Placed on file	3	13	1	5	25	25	8	16	6	6	8	14	130
Released	14	10	12	14	15	12	9	14	17	18	9	12	156
TOTAL	139	114	71	103	167	168	130	158	172	156	158	144	1680

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MISCELLANEOUS DUTIES PERFORMED BY THE POLICE.

Number of children found and restored to parents..	208
Number of lodgers accommodated.....	435
Number of meals furnished prisoners.....	2,795
Number of buildings found open and unsecured....	819
Number of dead bodies found.....	19
Number of fire alarms given.....	23
Number of fires extinguished without alarms.....	29
Number of defective fire alarm boxes reported.....	38
Number of sick and injured persons assisted.....	43
Number of stray teams taken up.....	46
Number of street lamps reported not lighted.....	706
Number of arrests for other cities.....	23
Number of warrants for liquor served.....	7
Number of bicycles reported stolen and not recovered	12
Number of bicycles stolen and recovered.....	23
Number of bicycles found and returned to owners..	31
Number of safe doors found open.....	7
Number of dogs shot.....	107
Number of defective sidewalks reported.....	511
Number of defective catch-basins reported.....	51
Number of insane persons cared for.....	48
Number of dipsomaniacs committed to Foxboro....	1
Number of notices served.....	705
Value of property stolen.....	$6,054
Value of property recovered.....	$4,861
Amount of money reported stolen.....	$1,654
Amount of money recovered.....	$903

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REPORT OF THE FEMALE DEPARTMENT FOR THE YEAR ENDING NOVEMBER 30, 1907.

Assault and battery	8
Assault with a dangerous weapon	1
Assault on an officer	1
Breach of the peace	4
Common night walker	3
Drunkenness	81
Fornication	2
Illegal sale of intoxicating liquor	1
Keeping a house of ill fame	1
Larceny from the person	1
Lewd and lascivious cohabitation	1
Larceny	6
Neglected child	23
Violation of the butter law	1
Vagrancy	12
	150
Insane	13
Lodgers	6

DISPOSITION OF CASES.

Appealed	2
Bound over to the Superior Court	3
Committed to the House of Correction	12
Committed to House of Correction for non-payment of fine	27
Committed to the Woman's Reformatory Prison	8
Committed to the State Board of Charity	8
Discharged	4
Fined and paid	41
Probated and discharged	6
Placed on file	23
Released	16
	150

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I regret having to report a notable increase in the number of women arrested during the year, and as usual drunkenness claims many victims.

Eight women have been committed to the Woman's Reformatory Prison at Sherborn, five young girls have been placed in care of the Sisters of the Good Shepherd at Springfield, a large number of children who have been brought before the court for neglect are being cared for by the Sisters of Providence at Brightside and Mt. St. Vincent.

I wish to express my thanks to the Marshal and his assistants, also to the members of the force for their courteous treatment at all times and for their ready co-operation in my work.

Respectfully submitted,

KATE MOYNIHAN,
Police Matron.

THE FOLLOWING IS THE RECORD OF THE SIGNAL SYSTEM.

Duty calls from patrolmen	133,571
Telephone calls	1,426
Wagon calls, days	369
Wagon calls, nights	647
Miles run	1,017

CHANGES IN THE DEPARTMENT.

Cornelius J. Louney, appointed January 28, 1884, was placed on the pension roll December 18, 1906.

James T. Welch, appointed January 1, 1907.

John J .Grady, appointed February 1, 1907.

Henry Sussenguth, appointed October 23, 1907.

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IN MEMORIAM.

GEORGE P. BUCKLEY.
Appointed February 19, 1895.
Died January 17, 1907.

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FINANCIAL REPORT.

Total appropriation	$54,000.00
Receipts from police court	4,877.04
Receipts from Hampden County	689.00
Received from all other sources	1,161.00
	$60,727.09

EXPENDITURES.

Pay roll	$56,859.09
Miscellaneous expenses	3,868.00
	$60,727.09

In compliance with a provision of the Charter, I respectfully recommend an appropriation for the ensuing year of $61,500.00.

ITEMS.

Appropriation	$61,500.00
Estimated receipts	4,500.00
	$66,000.00
Pay roll	$63,600.00
Expenses	2,400.00
	$66,000.00

Assuming the office of marshal in the closing days of May, I found it in most excellent condition respecting the character and deportment of its members and the efficiency of its work. Not only was there in the main a cheerful compliance to the rules and regulations of the department, but a manifest disposition on the part of the force to excel in the performance of duty. This sentiment on the part of the members of the force has made the duties of my position pleasant and agreeable.

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The immunity from serious crime which this community has enjoyed the past year is a matter for congratulation, With the exception of the murder of Eugene Antico, nothing of any great magnitude has occurred. The perpetrator of this crime, although a stranger in this city, having been in the city only a few hours, is known to this department; and while we have been unable to locate him to the present time, we are still making diligent search and are confident of being able to apprehend the guilty party.

RECOMMENDATIONS.

I can but renew the recommendations of my predecessor, of the necessity of a change in our signal system. The present system has been in use for the past nine years, it is owned by the New England Telephone Company, and is far from satisfactory. I would earnestly recommend the installation of the Gamwell Police Signal System, believing that it would be a valuable addition to the equipment of this department.

CONCLUSION.

I desire to acknowledge my obligation to Assistant Marshal Patrick Herbert, Captain Timothy Haley, Lieutenant Patrick E. Sullivan, the special duty officers, as well as the rank and file of this department who have so ably sustained me in discharging the duties of my office.

I wish to extend my sincere thanks to his honor, Mayor Nathan P. Avery, for the prompt and hearty support he has given me in fulfilling the duties of my office.

I also extend my thanks to Hon. Edward W. Chapin, and Thomas J .Tierney, justice and clerk respectively of the police court, as well as all other city officials for the many courtesies shown men.

Respectfully submitted,

THOMAS J .LYNCH,

Marshal.

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ANNUAL REPORT OF

Board of Public Works.

To the Honorable, the Mayor and Board of Aldermen.

GENTLEMEN:—The eleventh annual report of the Board of Public Works for the fiscal year of 1907 is herewith presented for your consideration. The Board refrains from recommendations further than to hope that it may be given sufficient funds to complete the plans for the betterment of the streets, sidewalks, sewers, and other property, which have, from time to time, been outlined in annual reports and special communications from this department.

The year has witnessed the completion of the Walnut street storm water sewer system and of the Ward Two (Morgan) school building; the purchase of a site for the proposed Oakdale school building, which it is hoped can be erected during the coming season. A creditable city yard building has been constructed. A suitable addition to the Highland engine house has been built; and work was commenced upon the separation of grades of the Holyoke and Westfield railroad tracks at Jackson street. This latter work will be completed as soon as is possible in 1908, and will relieve a congestion of traffic in that section of the city.

The Bridge street and Back street school buildings were disposed of by order of the Board of Aldermen and repairs undertaken at the Sargeant street school building to relieve the crowded conditions in the South Chestnut street school and at South Holyoke.

A larger yardage of sidewalk resurfacing was done during the season than in any one year during the history of the Board.

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Appleton street was paved with vitrified blocks from Beech street to Dwight street, and curbing laid in the same location.

In accordance with an opinion of the City Solicitor, the janitors in the public school buildings came under the Board February 1, 1907. A statement of the expenses in that department will be found annexed hereto.

The widening and improving of Pleasant street north of Dwight street was completed during the summer.

Much work has been done upon the streets in laying a form of bituminous or tarviaized pavement, using the tar from the gas works in place of the more expensive materials generally used in this form of pavement.

A storm water sewer was laid in Appleton street from Oak street to Sycamore street, and it is hoped to continue the same through Oak street to Suffolk street, thence down Suffolk street to discharge into the storm water sewer at Pine street, just completed.

The financial statements hereto annexed, to which your attention is invited, show in detail all of the work accomplished during the year and the cost thereof.

Respectfully submitted,

M. F. WALSH, Chairman,
G. POTVIN, JR.,
WILLIAM A. CHASE,
Board of Public Works

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THE BOARD OF PUBLIC WORKS.

Established January 4, 1897, by His Honor, the Mayor, under the provisions of Title Six, Chapter Thirty-four, of an Act to revise the Charter of the City of Holyoke, which provides for appointment of members by the Mayor without confirmation.

ORGANIZED JANUARY 4, 1897.

ORGANIZATION FOR 1907.

Michael F. Walsh, Chairman,	Term expires February, 1908
Gilbert Potvin, Jr.,	Term expires February, 1910
Wm. A. Chase,	Term expires February, 1909

CLERK.

James L. Tighe, City Engineer, Term expires February, 1908

ASSISTANT CLERK.

Oscar C. Ferry, elected January 22, 1897, by the Board, under Civil Service Rules.

MEMBERS OF THE BOARD AND THEIR TERMS SINCE ORGANIZATION.

James H. Newton, Chairman, January 4, 1897, to December 31, 1897.
Michael F. Walsh, Chairman, January 4, 1897.
William B. Reid, January 4, 1897, to February 7, 1898.
Oren D. Allyn, January 1, 1898, to February 5, 1906.
Gilbert Potvin, Jr., February 7, 1898.
William A. Chase, February 5, 1906.

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DEPARTMENT ACCOUNTS, 1907.

Department.	Total Appropriations. Receipts and Transfers to	Transfer from.	Expenditures.	Balance carried to 1908.
Alleys	$25,069.17		$25,069.17	
City Hall Fund	*1,875.00		1,875.00	
City Property	38,541.43	1,011.85	26,350.44	**11,178.94
Fuel	20,000.00	107.13	19,892.89	
Highways and Bridges	40,613.29	8,387.00	30,974.29	1,252.00
Lighting	39,287.77		39,287.77	
Public W'ks Cont'g't	721.22		721.22	
Salaries Bd. P. W.	8,767.14		8,767.14	
Sewers	8,989.97	685.78	8,304.19	
Sidewalks	17,725.23		17,725.23	
Street Watering	10,800.00	39.43	10,760.57	
Water Rent	12,115.26		12,115.26	
Ward Two Sch'l App.	28,418.43		28,175.78	242.65
Perm't H'way Work	53,026.48		45,848.67	7,167.81
Perm't Sewer Work	21,172.32		21,172.32	
Janitors' Salaries	16,161.54		16,161.54	
Janitors' Supplies	575.00	89.89	485.11	
City Y'd New B'd'g	18,040.00		15,744.95	2,295.05
Oakdale School	9,000.00		9,000.00	
H'land Eng. House Add.	7,000.00		7,000.00	
Jackson St. Underpass	35,000.00		1,426.37	33,573.63
Bridge St. School	15,000.00	15,000.00		
	427,899.05	$25,321.08	$346,867.89	$55,710.08

*Included also in City Property.

**$11,045.90 reserved for School Repair Account.

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CITY PROPERTY DEPARTMENT.

School Buildings.	Supplies and Maintenance.	Payrolls.	Total.
Appleton Street School...	$246.92	$61.81	$308.73
*Bridge Street School....	49.61	29.94	79.55
*Back Street School.....	.....	.....	.....
**E. Dwight Street School	.....	.....	.....
Elmwood School	289.31	95.95	385.26
Elm Street School.....	264.69	98.49	363.18
Hamilton Street School....	1,844.80	85.84	1,930.64
High School	579.85	155.27	735.12
Highland School	649.82	72.09	721.91
Ingleside School	13.86	8.59	22.45
Miscellaneous	686.02	58.26	744.28
Nonotuck Street School...	70.24	135.53	205.77
No. Chestnut Street School	556.71	177.40	734.11
Park Street School.....	1,645.99	406.47	2,052.46
Sargeant Street School....	229.84	60.05	289.89
School Street School.....	402.93	34.25	437.18
So. Chestnut Street School.	367.75	150.78	518.53
Springdale School (New).	792.66	77.28	869.94
**Springdale School (Old)	.....	.63	.63
West Street School.....	225.13	76.26	301.39
West Holyoke School.....	85.35	10.22	95.57
Ward Two School.....	704.45	110.56	815.01
	$9,705.93	$1,905.67	$11,611.60

*Sold 1907.

**Not at present used for school purposes.

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CITY PROPERTY DEPARTMENT.

Special School Building Repair Account.

School Building.	Supplies and Maintenance	Pay Rolls.	Total.
Appleton Street School....	$14.12	$2.97	$17.09
Carlton Street School.....	9.80	.....	9.80
E. Dwight Street School..	10.00	.....	10.00
Elmwood School	65.00	.....	65.00
Elm Street School.....	3.25	2.25	5.50
Hamilton Street School....	3.80	.....	3.80
High School	23.27	19.38	42.65
Highland School	.32	.....	.32
Nonotuck Street School....	11.79	.....	11.79
No. Chestnut Street School	1.20	.....	1.20
Park Street School	517.54	7.50	525.04
Sargeant Street School....	3,063.78	10.75	3,074.53
Springdale School (New)..	5.08	.....	5.08
West Street School.....	.68	.....	.68
Ward Two New School....	157.80	23.82	181.62
	$3,887.43	$66.67	$3,954.10

CITY PROPERTY DEPARTMENT.

Fire Department Houses.

Name.	Supplies and Maintenance.	Payrolls.	Total.
Elmwood Engine House ..	$216.94	$150.41	$367.35
Emerald Engine House ...	168.16	120.81	288.97
High Street Engine House.	403.33	158.64	561.97
Highland Engine House...	94.71	40.47	135.18
Mt. Tom Engine House...	173.57	92.51	266.08
Relief Engine House.....	270.23	161.10	431.33
	$1,326.94	$723.94	$2,050.88

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CITY PROPERTY DEPARTMENT.

Other Buildings.

	Supplies and Maintenance.	Payrolls.	Total.
Bath House, Ward One....	$148.16	$325.40	$473.56
Bath House, Ward Four...	17.77	289.13	306.90
Bath House, Ward Six....	88.26	317.46	405 72
City Farm	1,848.16	436.22	2,284.38
City Hall	3,918.23	393.75	4,311.98
City Yard Buildings.....	82.64	.37	83.01
Hillside Hospital	17.10	.....	17.10
Rifle Range	66.05	9.50	75.55
	$6,186.37	$1,771.83	$7,958.20

CITY PROPERTY DEPARTMENT.

All Other Expenses.

Name.	Supplies and Maintenance.	Payrolls.	Total.
Boilers	$297.40	.....	$297.40
Elm Street Shop	11.19	10.69	21.88
Fountains, Sanitary	15.10	.....	15.10
Horse	299.41	.....	299.41
Lewis, E. C.	.50	.....	.50
Main Street Fountain.....	33.99	.....	33.99
Skating Rink	1.20	106.18	107.38
	$658.79	$116.87	775.66

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FUEL DEPARTMENT.

Building.	Material and Supplies.	Payrolls.	Total.
Appleton Street School...	$863.00	.....	$863.00
Bridge Street School.....	331.77	.....	331.77
City Farm	4,896.69	.....	4,896.69
City Hall	874.68	.....	874.68
City Yard Buildings.....	36.25	.....	36.25
Elmwood School	1,497.50	.....	1,497.50
Elmwod Engine House....	315.00	.....	315.00
Elm Street School.....	579.13	.....	579.13
Hamilton Street School...	869.36	.....	869.36
High School	2,588.70	.....	2,588.70
Highland School	847.65	.....	847.65
High Street Engine House.	341.40	.....	341.40
Highland Engine House...	493.25	.....	493.25
Hillside Hospital	36.25	.....	36.25
Ingleside School	76.00	.....	76.00
Mt. Tom Engine House....	460.75	.....	460.75
Miscellaneous	16.75	.....	16.75
Nonotuck Street School...	339.95	.....	339.95
No. Chestnut Street School	105.10	.....	105.10
Park Street School.....	564.00	.....	564.00
Relief Engine House.....	350.00	.....	350.00
Sargeant Street School....	316.00	.....	316.00
School Street School.....	167.65	.....	167.65
So. Chestnut Street School	652.25	.....	652.25
Springdale School	565.00	.....	565.00
Ward Two New School...	1,284.29	.....	1,284 29
West Street School	412.50	.....	412.50
West Holyoke School.....	.....	12.00	12.00
	$19,880.87	$12.00	$19,892.87

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LIGHTING DEPARTMENT.

School Buildings.

Name.	Gas Lighting.	Electric Lighting.	Power.	Total.
Appleton St. School	$94.30	.....	$115.08	$209.38
Bridge St. School	10.70	.....	57.60	68.30
Elmwood School	74.30	.....	100.80	175.10
Elm Street School	8.40	45.40	.....	53.80
Hamilton St. School	58.50	.42	69.42	128.34
High School	85.40	257.70	1,292.52	1,635.62
Highland School	38.20	38.30	*265.30	341.80
Nonotuck St. School	1.30	.....	102.72	104.02
N. Chestnut St. School	46.30	.....	.....	46.30
Park St. School	14.70	.....	52.92	67.62
Springdale Sc'l (New)	16.30	.....	.....	16.30
West St. School	42.40	46.50	91.12	180.02
	$490.80	$388.32	$2,147.48	$3,026.60

LIGHTING DEPARTMENT.

Fire Department Houses.

Name.	Gas Lighting.	Electric Lighting.	Total.
Elmwood Engine House...	$94.60	$9.10	$103.70
Emerald Engine House...	22.85	27.30	50.15
High Street Engine House.	85.90	333.60	419.50
Highland Engine House...	130.30	.....	130.30
Mt. Tom Engine House...	51.80	138.20	190.00
Relief Engine House.....	62.30	143.80	206.10
	$447.75	$652.00	$1.099.75

*Gas engine.

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LIGHTING DEPARTMENT.

Buildings Other than Schools and Fire Departments.

Electric

WATER RENT DEPARTMENT.

Fire Hydrants	$5,120.00
School Buildings	1,913.11
Engine Houses	191.53
Street Watering	1,830.83
Other Purposes	486.62
Horse Street Fountains	2,243.00
Bath Houses	330.17
	$12,115.26

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JANITORS' SUPPLIES DEPARTMENT.

Names of Buildings.	Materials and Supplies.
Appleton Street School	$26.21
Bridge Street School	11.87
Elm Street School	15.09
Elmwood School	24.70
General Supplies, Stock on hand Nov. 30, 1907	100 67
Hamilton Street School	37.13
High School	101.41
Highland School	34.18
Ingleside School	7.25
Miscellaneous	2.00
Nonotuck Street School	3.85
North Chestnut Street School	.85
Park Street School	15.90
School Street School	3.61
South Chestnut Street School	31.17
Springdale School	13.35
Ward Two New School	19.69
West Street School	31.95
West Holyoke School	4.23
	$485.11

ALLEY DEPARTMENT.

Account	Materials and Supplies.	Payrolls.	Totals.
Ashes, removal of	$86.50	$20,628.19	$20,714.69
Dumping grounds	9.01	5.90	14.91
Miscellaneous	.....	4.00	4.00
Papers, removal of	.....	2,294.12	2,294.12
Teams, maintenance	35.00	1.12	36.12
Telephone service	25.00	.....	25.00
Tools, new	199.63	9.30	208.93
Garbage, removal of	1,747.60	.....	1,747.60
Tools, maintenance	23.80	.....	23.80
Total cash expenditures	$2,126.54	$22,942.63	$25,069.17

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HIGHWAY DEPARTMENT.

Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Appleton street, first level canal bridge, maintenance	.....	$410.08	$73.37	$483.45
Appleton street, second level canal bridge maintenance	.....	93.37	16.06	109.43
Asphalt blocks	$15.56	.....	.....	.....
Appleton street, maintenance	.....	11.08	45.73	56.81
Bridges, miscellaneous repairs and maintenance	.....	119.24	109.44	228.68
Bowers street, maintenance	.....	34.71	43.60	78.31
Beech street, maintenance	.....	2.62	44.76	47.38
Buffalo Steam Roller Co., labor for	.....	.....	1.13	1.13
Boston & Maine R. R., labor for	.....	.....	1.00	1.00
Brick, local	24.00	.....	.....	.....
Crosswalks, maintenance	.....	14.85	1,693.04	1,707.89
Country roads, maintenance	.....	17.63	1,396.76	1,414.39
Cement	.....	215.82	.....	215.82
City yard building, repairs rebuilding, removing and repaving yard	.....	256.76	698.35	955.11
Carlton street, maintenance	.....	.....	2.46	2.46
Cabot street, maintenance	.....	2.52	7.95	10.47
Cherry street, widening and extension west of Hillside ave.	.....	.....	46.06	46.06

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Crosswalks, new	.....	491.82	103.88	595.70
Cabot street first level canal bridge maintenance	.....	112.48	26.41	138.89
Cabot street second level canal bridge maintenance	.....	7.31	13.55	20.86
Coasting—Essex and Prospect streets, protecting	.....	.....	12.24	12.24
Horse fountains, new and maintaining ...	.....	448.73	121.00	569.73
Castings	17.96	.....	.....	.....
Coal	6.50	.....	.....	.....
Dwight street, maintenance	.....	.....	29.16	29.16
Dwight street footbridge maintenance	.....	2.36	20.28	22.64
Danger signs, erecting at entrances of private streets	.....	28.60	38.49	67.09
Engineering departm't, labor for	.....	.....	14.37	14.37
Forestry, repairing tree belts, planting trees and maintenance of trees	.....	4.85	662.65	667.50
Fowles, J. H., labor for	.....	.....	1.87	1.87
Gravelled streets cleaning	.....	.....	2,579.22	2,579.22
Gravelled streets, miscellaneous repairs..	.....	35.25	258.52	293.77
Gas and Electric department, labor for.....	.....	10.27	36.11	46.38
Hardware	.....	312.85	.....	312.85
High street, maintenance	.....	3.02	14.93	17.95
Hampden street, maintenance	.....	2.11	1.76	3.87
Homestead ave., maintenance	.....	.....	57.43	57.43

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Jackson street, maintenance	.....	39.62	65.03	104.65
Lincoln street, maintenance	.....	.....	1.69	1.69
Lyman street first level canal bridge maintenance	.....	949.89	157.50	1,107.39
Lyman street second level canal bridge maintenance	.....	.....	3.01	3.01
Lumber	714.82	.....	.....	.....
Miscellaneous, general repairs	.....	401.24	355.34	756.58
Macadam	106.06	.....	.....	.....
Macadam streets cleaning	.....	.....	471.77	471.77
Maple street, maintenance	.....	16.21	26.15	42.36
Mosher street, maintenance	.....	.....	.53	.53
New England Tel. & Tel. Co., labor for	.....	39.51	55.55	95.06
Northampton street, maintaining north of Morgan street	.....	58.00	91.94	149.94
Nonotuck street, maintenance	.....	.....	26.16	26.16
Paved streets cleaning	.....	.....	6,432.61	6,432.61
Printing and supplies	.....	187.20	.....	187.20
Paint	.....	1.69	.....	1.69
Park street ,maintenance	.....	3.60	2.59	6.19
Pleasant street improvements between Lincoln and Dwight streets	.....	157.90	79.48	237.38
Pipe	40.80	.....	.....	.....
Pleasant street, maintentance	.....	3.92	16.36	20.28
Prew John J., materials furnished	.....	54.00	.....	54.00

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Rollers, maintenance..	.....	71.55	90.13	161.68
South Hadley Falls bridge, maintenance.	.....	116.97	68.04	185.01
Snow—removal from streets and roads...	.....	.....	1,772.04	1,772.04
Snow—removal from streets and roads abutting street railway tracks	.....	.....	782.77	782.77
Snow—removal from bridge walks	.....	.....	428.26	428.26
Sargeant street first level canal bridge, maintenance	.....	1.06	.80	1.86
Sargeant street second level canal bridge, maintenance	.....	171.40	28.34	199.74
Suffolk street, maintenance	.....	.....	6.75	6.75
Street signs, erecting..	.....	156.05	72.64	228.69
Sargeant street, maintenance	.....	.67	8.31	8.98
South street, maintenance	.....	1.13	14.44	15.57
Springfield road, maintenance	.....	.....	18.21	18.21
Summer street, maintenance	.....	.....	3.82	3.82
Sand	5.65	.....	.....	.....
Teams, new (3 h)....	.....	825.00	.....	825.00
Teams, maintenance.. (11 h)	.....	3,025.80	570.40	3,596.20
Tools, maintenance, tools, implements ..	.....	897.33	363.05	1,260.38
Tools, new	.....	367.90	19.50	387.40
Timekeeper, salary (in part)	.....	.....	463.46	463.46
Telephone service, instruments and toll charges	.....	143.30	.....	143.30
Trees	3.85	.....	.....	.....
Tarvia	132.00	.....	.....	.....

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Vitrified brick	.....	132.61	.....	132.61
Water department, labor and materials..	.....	12.83	15.91	28.74
West street, maintenance	.....	.....	11.39	11.39
Wooden blocks	325.13	.....	.....	.....
Willimansett bridge ..	.....	.23	16.00	16.23
Yard watchman salary	.....	.....	776.00	776.00
Yard maintenance ...	.....	291.57	112.56	404.13
Totals	$1,392.33	$10,766.51	$21,600.11	$32.366.62
Less credits				1,392.33
Total expenditures				$30,974.29

PERMANENT HIGHWAY DEPARTMENT.

Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
*Appleton street curbing, north side, westerly from Beech (cost of material only)	.....	$636.85	.....	$636.85
Appleton street curbing, south side, from a point 147 ft. east of Linden street to Dwight street (cost of material	.....	925.25	.....	925.25
Asphalt blocks	$90.72	.....	.....	.....
Appleton street, relaying paving at Walnut street	.....	.....	27.66	27.66
Appleton street paving, laying Hassam foundation	.....	3,188.21	1,771.36	4,959.57
Appleton street paving, Beech street westerly to Dwight street; Dwight street from				

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Appleton street to Pleasant, and Pleasant street between Dwight street and Appleton	.....	705.57	4,035.43	4,741.00
Brick (local)	.....	8.08	.....	8.08
Buffalo Steam Roller Co., labor for, and materials furnished	.....	8.05	.....	8.05
Beech street macadamizing, from Appleton street southerly to Cabot street	.....	455.65	409.22	864.87
Bridge street macadamizing, between Sargeant street and Jackson street	.....	1,106.40	749.53	1,855.93
Boston & Maine Railroad, labor for.....	.....	.....	3.37	3.37
Curbing	69.22	.....	.....	.....
*Cabot street paving, from the west line of High street to the westerly line of Maple street, including crosswalks on Maple street	.....	482.26	964.59	1,446.85
Cement; a considerable amount of the cost of this material was paid for from permanent sewers, as it was designed at the beginning of the year to use a quantity of cement in that department. The cost of this material is to be charged to permanent highway department which will balance this account	2,281.91	.....	.....	.....

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Coal	.....	257.50	.....	257.50
City Mills Company	.....	458.74	.....	458.74
Chestnut street macadamizing, Prospect street south to Dwight street	.....	1,177.85	1,159.56	2,337.41
Cherry street extension, widening and eliminating grades	.....	118.50	1,832.63	1,951.13
Crosswalks, new, construction	.....	461.83	129.82	591.65
Carmody, P. F. materials furnished	.....	3.94	.....	3.94
Castings	17.62	.....	.....	.....
*Division street paving	.....	471.72	857.18	1,328.90
Emerson, E. E., materials furnished	.....	7.13	.....	7.13
Fountain street, resurfacing	.....	.....	15.55	15.55
Gravel	70.80	.....	.....	.....
Gutters, new, construction	.....	.....	27.68	27.68
Gas and Electric department, labor for.	.....	.....	5.07	5.07
Hampden street, macadamizing, between Nonotuck street and Brooks avenue, not including intersection of Pleasant street	.....	809.77	1,117.46	1,927.23
High street, maintenance of wood block paving	.....	9.78	5.03	14.81
Hardware	.....	84.55	.....	84.55
Holyoke Street Railway Company, labor for.	.....	68.38	1.13	69.51
Linden street macadamizing, betw'n Dwight street and Hampden street	.....	490.53	318.20	808.73
Lumber	34.90	.....	.....	.....

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Macadam	.....	502.51	73.86	576.37
Main street wood block paving, east side between the westerly rail of the easterly track of the Holyoke Street Railway Company, and from the north line of Spring street to the north line of Appleton street	.....	3,589.56	988.26	4,577.82
Mosher street macadamizing, from Bowers street to Bridge str't	.....	1,152.09	1,138.47	2,290.56
Miscellaneous	.....	460.73	15.67	476.40
New England Tel. & Tel. Co., labor and materials	.....	4.24	22.49	26.73
O'Connell Sons, Daniel, materials	.....	35.08	.....	35.08
Oil	.....	11.00	.....	11.00
O'Reilly, P. T., materials	.....	11.61	.....	11.61
Pleasant street improvements, completion of work started in 1906 in improving and widening Pleasant street between Lincoln street and Dwight street	.....	286.45	45.18	331.63
Pitch and tar	.....	72.48	.....	72.48
Prew, John J., materials furnished	.....	12.59	.....	12.59
Pipe	.....	76.23	.....	76.23
Rollers, new	.....	2,250.05	.....	2,250.05
Rollers, maintenance	.....	13.45	3.00	16.45
Sand	43.90	.....	.....	.....

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
*Suffolk street paving, between the easterly line of High street and Railroad street.	.....	325.63	1,044.79	1,370.42
**Shawmut Mining Co., freight paid on Shawmut shale brick	.....	5,632.05	.....	5,632.05
South street macadamizing, between the westerly line of Chapin square or Elm street and Northampton street	.....	2,394.98	1,936.12	4,331.10
Time keeper, salary...	.....	.....	173.25	173.25
Tools, new	.....	143.68	2.86	146.54
Tools, maintenance ...	.....	122.71	.....	122.71
Telephone charges, (tolls)	.....	36.59	.....	36.59
Tarvia	.....	12.13	2.53	14.66
**Brick (vitrified) ...	13.32	.....	.....	.....
Wooden blocks	.....	207.85	17.80	225.65
Warren Brothers Company, materials and labor	.....	238.45	5.88	244.33
Yard maintenance	.....	3.05	48.70	51.75
Totals	$2,622.39	$29,531.73	$18,949.33	$48,481.06
Less credits				2,622.39
Total cash expenditures				$45,858.67

*This does not include the cost of Shawmut shale vitrified paving blocks used in laying the surface of these streets, which blocks were furnished by the Shawmut Mining Company under contract, and which have not been paid for, but a balance from this department has been carried forward into the account of 1908 sufficiently large to meet the cost of the blocks used in this work.

**There is a balance due the Shawmut Mining Company for vitrified shale paving blocks, and to meet this liability a credit balance has been carried forward into the account of 1908. The account of vitrified brick of necessity shows a liability, as only the expenditures have been recorded.

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PUBLIC WORKS CONTINGENT DEPARTMENT.

Printing, stationery, postage, general office and other expenses as paid from the above department..... $721.22

SALARIES BOARD OF PUBLIC WORKS.

	Payrolls.
Walsh M. F. Chairman	$1,200.00
Potvin, Gilbert Jr.	1,000.00
Chase, William A.	1,000.00
Ferry, O. C.	1,500.00
Sweeney, Mary A.	367.14
Cleary, Irene F.	228.00
Moise, Rose	200.00
Gilpatrick, F. H.	1,200.00
Winkler, Henry	2,000.00
Osborne, E. M.	72.00
Total	$8,767.14

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SEWERS DEPARTMENT.

Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Appleton street storm water sewer, construction from Oak street westerly to Sycamore street	.....	$16.21	$47.67	$63.88
Appleton street sewer maintenance	.....	1.87	5.66	7.53
American Writing Paper Co. Crocker Division, labor for	.....	.....	.53	.53
Brick (local)	79.40	.....	.....	.....
Burkhardt, R. C., labor for	.....	.....	13.02	13.02
Catch basins, maintenance	.....	76.05	3,803.84	3,879.89
Castings	.....	124.80	.....	124.80
Cement	97.54	.....	.....	.....
Catch basins, new—connecting with Appleton street sewer west of Oak street	.....	25.51	44.57	70.08
Catch basins, new—construction of	.....	251.30	396.68	647.98
Cabot street sewer, constructing from east line of Elm street westerly to the alley west	.....	.....	43.53	43.53
Callahan, John A., labor for	.....	.....	10.44	10.44
Cunningham, R. P., labor for	.....	.....	17.22	17.22
Davis street sewer, constructing west from Elm street	.....	174.49	538.20	712.69
Duplex grates	78.51	.....	.....	.....
Dowd, D. J., labor for.	.....	2.25	23.95	26.20
Entrances to sewers ..	.....	4.13	45.77	49.90

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Elm street sewer, from Davis street sewer south to connect with exisiting sewer	.....	7.28	42.63	49.91
Engineering department, labor for.....	.....	.....	.75	.75
Fairfield avenue sewer, constructing from existing sewer to new residence of T. B. O'Donnell	.....	51.41	136.29	187.70
Gas and Electric department, labor for.....	.....	6.00	6.00	12.00
Gauthier, Doryle, labor for	.....	.....	7.64	7.64
High street alley sewer, west side, maintenance	.....	1.93	256.19	258.12
Hardware	.84	.....	.....	.....
Knightly, John F., labor for	.....	.....	6.74	6.74
Lumber	.....	89.56	.....	89.56
Lafond, Florence, labor for	.....	.....	9.38	9.38
Laliberte, Joseph, labor for	.....	3.00	3.00	6.00
Laurel street sewer, maintenance	.....	.53	55.70	56.23
Mansir, N. C., refund of sewer assess't, Hitchcock street	.....	13.50	.....	13.50
Mosher street sewer, extending east from No. 58	.....	29.02	72.91	101.93
Miscellaneous	.....	13.15	60.70	73.85
Macadam	4.50	.....	.....	.....
Pipe	179.78	.....	.....	.....
Prospect street sewer, maintenance	.....	.47	11.04	11.51
Printing and supplies..	.....	31.50	.....	31.50
Paint	.....	9.74	.....	9.74

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Work.	Credit Balance.	Materials and Supplies.	Hay rolls.	Totals.
Sarazin, Wilfred, labor for	.....	3.00	11.60	14.60
Sowden, Joseph, labor for	.....	3.20	17.52	20.72
Springfield road sewer, constructing through right of way granted by A. A. Jones, from the Connecticut river toward the Springfi'd road a distance of 170 ft. (Not completed to Springfield road)	.....	44.29	55.88	100.17
Sycamore street sewer, maintenance	.....	.....	104.97	104.97
Sycamore street, constructing new sewer from Sargeant street northerly to Hampshire street	.....	93.18	144.61	237.79
St. Jerome avenue sewer, constructing from Dwight street south to St. James avenue	.....	.....	21.37	21.37
Tools, maintenance...	.....	213.15	253.53	466.68
Tools, new	.....	173.97	.56	174.53
Thorpe avenue, repairing connection for the Ward property..	.....	.....	56.58	56.58
Thorpe avenue, new sewer from Beacon avenue sewer to Ward property No. 7	.....	39.23	63.69	102.92
Walnut street system, connecting concrete block sewer with Akron pipe sewer at Appleton street	.....	86.03	59.87	145.90
Walnut street sewer system, connecting catch basins with,				

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
north of Appleton street	.....	126.19	183.08	309.27
Walnut street system, connecting catch basins with, south of Appleton street	.....	19.29	35.58	54.87
Walnut street sewer system, general construction	.....	13.77	142.03	155.80
Water department, labor for	.....	.....	9.25	9.25
Yard maintenance	.....	30.24	56.08	86.32
Yale street sewer, constructing from dingle manhole at A. A. Atherton's residence	.....	51.40	37.87	89.27
Totals	$440.57	$1,830.64	$6,914.12	$8,744.76
Less credits				440.57
Total cash expenditures				$8,304.19

PERMANENT SEWER DEPARTMENT.

Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Total.
Appleton street storm water sewer, from Oak street west to Sycamore street ...	.....	$422.03	$615.51	$1,037.54
Appleton street sewer, constructing from the south side of Sycamore street west to Dwight street	.....	176.73	533.47	710.20
Brick	$77.60	.....	.....	.....
Catch basins, constructing new	.....	232.38	318.09	550.47
Cement (a large quantity of this cement was turned over to the permanent highway and highway department for use				

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
therein)	.....	2,696.19	10.32	2,706.51
Cabot street sewer, constructing from the East line of Elm street to the alley next westerly	.....	127.90	209.42	337.32
Castings	45.04	.....	.....	.....
Duplex grates	.....	186.76	.....	186.76
Hillside avenue sewer, constructing from Cherry street to the Westfield road (a large part of this sewer was constructed in the fiscal year 1906, and for the total cost the records of that year should be consulted	.....	341.12	1,238.08	1,579.20
Hamilton street sewer, constructing west from Canal street to the alley east of Main street (a large large part of this sewer was constructed during the fiscal year 1906, and for the total cost thereof the records of that year should be consulted.	.....	18.25	40.32	58.57
King street sewer, constructing between Hillside avenue and Merrick avenue (a part of this sewer was constructed during the fiscal year 1906, and for the total cost thereof the records of that year should be consulted	.....	58.80	145.55	204.35

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Work.	Credit Balance.	Materials and Supplies.	Rayrolls.	Totals.
Locust street sewer, constructing from Appleton street south to Essex street	.....	132.07	200.79	332.86
Lumber (a portion of the lumber purchased by this department was turned over after having been used for spiling	.....	23.30	.....	23.30
Merrick avenue sewer, constructing between the Westfield road and King street (a part of this sewer was constructed during the fiscal year 1906, and for the total cost thereof the records for that year should be consulted	.....	190.08	62.27	252.35
Miscellaneous account.	.....	42.28	6.44	48.72
Macadam	24.55	.....	.....	.....
Northampton, city of, materials furnished.	.....	21.42	.....	21.42
Pipe	.....	242.30	14.75	257.05
Sycamore street sewer, constructing from Sargeant str't northerly to Hampshire street (a part of the cost of this sewer was paid for from the sewer appropriation.	.....	65.39	144.18	209.57
Timekeeper, salary ...	.....	.....	86.25	86.25
St. James avenue sewer, constructing westerly from St. Jerome avenue to Lynwood avenue (a part of the cost of this sewer will be paid from the appropriat'n of 1908,				

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
it not having been completed till after the close of this fiscal year	.....	.....	6.50	6.50
St. Jerome avenue sewer, constructing between Dwight street and St. James avenue (see St. James)....	.....	56.29	278.39	334.68
Thorpe avenue sewer, constructing from Beacon avenue northerly to the Ward property at No. 7 (a part of the cost of this sewer was paid from the appropriation for sewers and drains	.....	.....	97.66	97.66
Tools, new	.....	44.06	.....	44.06
Tools, maintenance ...	.....	9.82	.....	9.82
Walnut street sewer. (This sewer is laid in Prospect, Pine, Suff'k and Walnut streets; is of cement concrete blocks, the sewer itself being laid under contract, the city doing all the necessary excavat'g and filling.)				
Am't paid contractor	6,492.21	.....	.....	.....
Materials paid for by city	270.14	6,762.35	4,860.42	11,622.77
(Work on this sewer was commenced during the fiscal year of 1906, and for the complete cost of same the records for that year should be consulted; also the year				

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
under the department of sewers and drains)				
Winter street sewer, constructing from Appleton street to the property of the Barlow Mfg. Co.....	.....	168.53	359.03	527.56
Winter street sewer, constructing south of Appleton street to a point nearly opposite the plant of the Eureka Ruling and Binding Co. (Almost the entire cost of this sewer was made from the appropriation of 1906	.....	.....	4.95	4.95
Yale street sewer, constructing from manhole in dingle east of Pleasant street to property of A. A. Atherton. (A part of this sewer was paid from the appropriation of sewers and drains	.....	20.12	48.95	69.07
Totals	$147.19	$12,038.17	$9,281.34	$21,319.51
Less credits				147.19
Total expenditures				$21,172.32

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SIDEWALK DEPARTMENT.

Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Allyn street, north side between Waldo and Howard streets	.....	$48.36	$116.62	$164.98
Arlington street, new curbing east side at premises of W. F. Lamb	.....	16.74	7.26	24.00
Adams street, walks maintenance	.....	.....	1.78	1.78
Appleton street, north side, setting 45 ft. radius 6 in. circle curbing easterly from Pleasant street. Curbing delivered on ground charged permanent highways ..	.....	.....	21.54	21.54
Appleton street, south side, new curbing from a point 147 ft. east of Linden street to Dwight street. (Material used paid for from permanent highways	.....	.....	370.76	370.76
Appleton street, walks maintenance	.....	329.27	173.89	503.16
Appleton street, new curbing north side from Beech street to Locust street and from Suffolk street westerly to property of Mrs. Maurice Lynch. (Materials used paid from permanent highw'ys)	.....	.....	225.94	225.94
Allyn street, new curbing north side betw'n Howard and Williams streets	.....	225.00	81.62	306.62

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Appleton street, curbing maintenance (6 in.)	.....	.....	36.12	36.12
Appleton street, new walk, south side from Beech street westerly. (Preliminary work in grading only)	.....	.....	66.14	66.14
Bridge street, new curbing, west side betw'n Adams and Jackson streets	.....	126.84	59.14	185.98
Beech street, walks maintenance	.....	48.06	62.86	110.92
Brown avenue, new curbing (4 ft.) from a point nearly opposite Glenn street....	.....	96.19	37.93	134.12
Bowers street; walks maintenance	.....	28.47	33.78	62.25
Bridge street, walks maintenance	.....	201.63	270.04	471.67
Beacon avenue, new walk north side from Pleasant street west	.....	45.00	.....	45.00
Beech street, new walk west side abutting premises at No. 171	.....	9.19	19.18	28.37
Curbing	53.43	.....	.....	.....
Commercial street, new curbing east side abutting city yard..	.....	23.13	150.89	174.02
City Hospital, labor and materials used in repairing walks	.....	35.37	48.69	84.06
Cabot, Samuel	.....	116.27	.....	116.27
Cray, Mrs. Abbie T., labor for	.....	21.11	47.73	68 84
Clinton avenue, new curbing west side from Dwight street northerly to connec-				

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
tion between Miller avenue and Clinton avenue	.....	185.23	47.88	233.11
Center street, walks maintenance	.....	63.23	102.76	165.99
Chestnut street, curbing maintenance	.....	.....	62.40	62.40
Cabot street, walks maintenance	.....	109.99	150.78	260.77
Canal street, walks maintenance	.....	101.71	138.49	240.20
Carlton street, new curbing (4 in.) south side from Chapin street to Russell terrace	.....	277.11	78.38	355.49
Carlton street, new curbing, north side..	.....	113.43	27.09	140.52
Chestnut street, walks maintenance	.....	35.15	45.98	81.13
Charles street, new curbing (6 in.) west side between property of J. C. Griffin and Elmwood eng. house	.....	135.78	28.38	164.16
Commercial str't, walks maintenance	.....	95.82	122.77	218.59
Cook street, walks maintenance	.....	11.77	16.27	28.04
Clinton avenue, new cement concrete walk west side Dwight street northerly ...	.....	254.00	2.39	256.39
Cinder walks, maintenance	.....	.....	507.83	507.83
Dwight street, walks maintenance	.....	76.61	93.17	169.78
Ellison Transfer Co., labor for	.....	.....	3.83	3.83
Essex street, walks maintenance	.....	13.79	15.60	29.39

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
East street, walks maintenance	.....	99.48	134.83	234 31
Ely street, walks maintenance	.....	7.66	12.55	20.21
East Dwight street, walks maintenance..	.....	46.54	66.46	113.00
Ely court, walks maintenance	.....	3.15	2.41	5.56
Elm street, walks maintenance	.....	29.44	45.50	74.94
Elm street, new curbing (6 in.) west side from Sargeant street northerly 41½ ft. abutting the property of L. A. Lafrance...	.....	25.73	10.69	36.42
Elm street, new walk west side from Sargeant street northerly abutting property of L. A. Lafrance.....	.....	72.19	144.34	216.53
Fountain street, walks maintenance	.....	34.91	56.22	91.13
High street, curbing maintenance	.....	.....	4.13	4.13
Front street, walks maintenance	.....	17.66	23.36	41.02
Fairfield avenue, new curbing south side from Nonotuck street easterly to alley....	.....	70.81	42.95	113.76
Fountain street, new curbing (6 in.) south side Maple street to alley west	.....	71.61	37.22	108.83
Franklin street, new walk south side abutting property of O. D. Allyn, between Sycamore street and Magnolia avenue ...	.....	4.08	10.64	14.72

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Gas and Electric department, labor for.....	.....	48.23	4.10	52.33
Green, Patrick, labor for and materials...	.....	33.79	3.66	37.45
High street, walks maintenance	.....	111.24	46.78	158.02
Hardware	8.90	.....	.....	.....
Howard street, new walk east side Allyn street northerly	.....	4.35	17.31	21.66
Hampden street, walks maintenance	.....	100.68	140.67	241.35
Hampshire street, walks maintenance	.....	19.87	21.47	41.34
Hampden street, new curbing (6 in.) north side Pleasant street to alley east.....	.....	79.05	31.54	110.59
Permanent Highways department, materials furnished	.....	180.13	.....	180.13
Hampshire street, new curbing (6 in.) south side from Elm street westerly	.....	88.22	30.10	118.32
Houston, J. E., labor for	.....	.....	1.12	1.12
Hampshire street, new walk south side Elm street westerly	.....	29.03	55.23	84.26
Hamilton street, walks maintenance	.....	17.08	22.21	39.29
Judd, C. H., labor for..	.....	.....	6.81	6.81
John street, walks maintenance	.....	36.13	44.19	80.32
Jackson street, walks maintenance	.....	16.98	16.58	33.56
Lyman street, walks maintenance	.....	130.66	171.83	302.49
Linden street, new curbing (6 in.) east side south of Hamp-				

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
den street	.....	8.16	13.69	21.85
Linden street, maintenance of curbing.....	.....	.....	9.57	9.57
Linden street, walks maintenance	.....	5.48	10.92	16.40
Lafrance, L. A., labor for	.....	.....	1.00	1.00
Miscellaneous, general maintenance of walks	.....	100.33	237.06	337.39
Main street, new curbing (4 in.) east side part of Riverside park	.....	364.06	120.03	484.09
Maple street, walks maintenance	.....	183.39	235.03	418.42
Main street, walks maintenance	.....	110.44	137.19	247.63
Mosher street, walks maintenance	.....	58.34	80.36	138.70
Main street, curbing maintenance	.....	.....	68.93	68.93
Merrick Lumber Co., labor for	.....	.....	5.16	5.16
Myrtle avenue, walks maintenance	.....	1.10	3.82	4.92
Maple street, west side Fountain street south side new walk abutting Polish parochial school	.....	42.20	138.15	180.35
Maple street, east side, changing corner stone at Sargeant street south side....	.....	16.97	13.16	30.13
New England Tel. & Tel. Co., materials..	.....	.11	.....	.11
Nonotuck street, new walks Morgan street north	.....	80.92	207.96	288.88
Nonotuck street, new curbing (4 in.) Mor-				

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Work.	Credit Balance.	Materials and Supplies.	Payrolls,	Totals.
gan street north....	.....	342.68	108.62	451.30
Northampton street, walks maintenance..	.....	49.26	71.71	120.97
Oak street, new curbing (6 in.) abutting part of premises of A. A Tyler	.....	13.02	3.13	16.15
Oliver street, walks maintenance	.....	5.89	6.31	12.20
O'Donnell, T. B., labor and materials	.....	57.11	25.37	82.48
Pine street, new curbing (6 in.) between Hampden and Lyman streets	.....	179.58	45.24	224.82
Pleasant street, walks maintenance	.....	5.48	8.14	13.62
Sullivan Square park, repairs to curbing and maintenance of walks	.....	6.67	72.65	79.32
Pine street, walks maintenance	.....	12.59	18.83	31.42
Park street, walks maintenance	.....	32.82	53.06	85.88
Pearl street, walks maintenance	.....	39.57	57.44	97.01
Pleasant street, walks maintenance	.....	87.68	148.32	236.00
Race street, walks maintenance	.....	119.05	152.52	271.57
Ranger, Casper, labor for	.....	.....	8.07	8.07
Ryan, John D., labor for	.....	2.74	5.40	8.14
Sidewalk materials ...	16.74	.....	.....	.....
Snow removal public walks	.....	.....	521.80	521.80
Shea, Michael, labor for	.....	17.55	56.27	73.82
Sanding sidewalks ...	.....	17.45	920.62	938.07
Snow removal from bridges	.....	.....	2.85	2.85

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Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Snow removal park walks	.....	.....	91.55	91.55
Snow plow operation	.....	8.00	135.45	143.45
Snow removal private walks	.....	.....	65.84	65.84
Suffolk street, maintenance of curbing between Walnut and Pine streets	.....	.87	47.21	48.08
Still Isaac, labor for	.....	.....	3.10	3.10
Suffolk street, maintenance of curbing east of Newton place	.....	19.86	42.98	62.84
Sidewalk plant	.....	328.97	38.20	367.17
Suffolk street, walks maintenance	.....	6.99	7.84	14.83
Suffolk street, new curbing (6 in.) north side between Elmwood school and First Baptist church	.....	317.03	94.81	411.84
South street, new curbing (6 in.) south side commencing from Chapin square westerly	.....	403.91	137.71	541.62
South street, curbing maintenance and changing line at Brown avenue	.....	31.00	29.32	60.32
South street, walks maintenance	.....	42.12	58.57	100.69
Suffolk street, new cement concrete walk north side between Maple street and alley east	.....	.....	13.75	13.75
Sargeant street, walks maintenance	.....	11.37	16.91	28.28
Summer street, walks maintenance	.....	40.45	52.01	92.46

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Work:	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Suffolk street, new walk north side from Railroad street west....	.....	17.61	29.23	46.84
Suffolk street, new walk south side from Railroad street west....	.....	4.22	16.23	20.45
Tools, maintenance ..	.....	13.79	30.50	44.29
Tools, new	.....	52.02	4.21	56.23
Timekeeper salary ...	.....	.....	13.50	13.50
Taylor street, walks maintenance	.....	101.38	142.99	244.37
Union street, walks maintenance	.....	26.99	40.01	67.00
Walnut street, walks maintenance	.....	54.22	64.78	119.00
West street, walks maintenance	.....	12.59	16.52	29.11
Washington avenue walks maintenance .	.....	47.98	53.49	101.47
Washington avenue crossing maintenance	.....	5.89	6.99	12.88
Worcester place, walks maintenance	.....	18.07	22.58	40.65
Walnut street, new curbing (6 in.) east side between Dwight and Hampden streets	.....	264.12	127.41	391.53
West street, new curbing west side commencing at Mosher street and running northerly	.....	17.79	26.46	44.25
West street, new walk west side between East Dwight and Samosett streets	.....	16.84	124.09	140.93
West street, new walk west side commencing at Mosher street and running northerly	.....	24.67	79.45	104.12

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Work.	Credit Balance	Materials and Supplies.	Payrolls.	Totals.
Washington ave., new curbing (6 in.) abutting premises of E. F. Dreikorn	.....	27.80	13.51	41.31
Yard maintenance	.....	.....	7.77	7.77
Total	$79.07	$8,100.14	$9,704.16	$17,804.30
Less credits				79.07
Total cash expenditures				$17,725.23

STREET WATERING DEPARTMENT.

Electric sprinkler, operation of and maintenance of equipment for	.....	$3,411.12	$23.04	$3,434.16
Hydrants for horse sprinklers, maintenance	.....	4.69	57.28	61.97
Miscellaneous supplies and tools	$17.40	.....	.....	.....
Newton, James H., use of sprinkler	.....	.....	1.50	1.50
Sprinklers, horse, operation for streets	.....	19.50	6,057.94	6,077.44
Sprinklers, maitenance and general repairing	.....	1,036.41	166.49	1,202.90
Totals	$17.40	$4,471.72	$6,306.25	$10,777.97
Less credits				17.40
Total expenditures				$10,760.57

OAKDALE NEW SCHOOL DEPARTMENT.

Site	$9,000.00

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WARD TWO (MORGAN) SCHOOL DEPARTMENT.

Description.	Credits.	Materials and Supplies.	Payrolls.	Totals.
Cleaning building after completion	.....	$16.66	$42.50	$59.16
Ellsworth, E. A., fees	.....	.....	293.14	293.14
General construction	.....	20.252.46	716.02	20,968.48
Grading grounds,, constructing walks and concrete work	.....	158.47	568.16	726.63
Heating and ventilating system	.....	1,809.13	77.00	1,886.13
Lighting (gas) fixtures	.....	535.15	.....	535.15
Miscellaneous (supplies for concrete work)	$156.97	.....	.....	.....
Plumbing and gas piping	.....	1,154.47	.....	1,154.47
Plumbing (excavating for by department)	.....	.....	118.38	118.38
School department, expenditures by	.....	2,591.21	.....	2,591.21
Totals (gross)	$156.97	$26,517.55	$1,815.20	$28,332.75
Less credits		$156.97		$156.97
		$26,360.58	$1,815.20	$28,175.78

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HIGHLAND ENGINE HOUSE ADDITION.

Work.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Cement	$ .93	.....	.....	.....
J. H. Fowles	*2,320.29	.....	.....	.....
General construction	.....	$9,118.00	.....	$9,118.00
Heating, enlargement to and repairing existing system	.....	.....	$6.19	6.19
Lighting equipment, wiring and fixtures	.....	127.00	.....	127.00
Oakes, R. T.	**127.00	.....	.....	.....
Plumbing, repairing existing system, additions to new sewer connections	.....	6.00	196.10	202.10
Pipe	5.07	.....	.....	.....
Totals (gross)	$2,453.29	$9,251.00	$202.29	$9,453.29
Less credits		2,453.29		2,453.29
Net expenditures		$6,797.71	$202.29	$7,000.00

JACKSON STREET UNDERPASS.

Account.	Credits.	Materials and Supplies.	Payrolls.	Charges.
Excavating for separation of grades Jackson street, on the Holyoke & Westfield tracks, and for abutment piers and retaining walls	.....	.....	$1,419.01	$1,419.01
Cement	$ .93	.....	.....	.....
Sewer maintenance, lowering manhole and catch basin at Commercial street	.....	$ .93	5.93	6.86
Water pipe, maintenance, replacing pipe				

*Balance for 1908 to be deducted from General Construction Account.
**Balance for 1908 to be deducted from Lighting Equipment Account.

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Account.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
in lowering grade on Commercial street (Water department)	.....	1.43	.....	1.43
Totals	$ .93	$2.36	$1,424.94	$1,427.30
Less credits				.93
Total expenditures				$1,426.37

CITY YARD BUILDING DEPARTMENT.

Account.	Credit Balance.	Materials and Supplies.	Payrolls.	Totals.
Brick	$18.00	.....	.....	.....
Cement	335.13	.....	.....	.....
Castings	6.62	.....	.....	.....
Excavating, grading, and concrete work..	.....	$220.84	$577.81	$798.65
Elevator	.....	1,357.85	27.53	1,385.38
Equipment of building.	.....	30.00	.....	30.00
General construction ..	.....	12,366.03	165.67	12,531.70
Hardware	.20	.....	.....	.....
Jones, L. F., contractor	412.70	.....	.....	.....
Macadam	23.25	.....	.....	.....
Plans and specifications	.....	611.00	.....	611.00
Pipe	11.07	.....	.....	.....
Plumbing	.....	39.89	113.87	153.76
Removing, repairing, and additions to old buildings	.....	875.56	812.01	1,687.57
Siding, tracks of New York, New Haven & Hartford railroad ..	.....	20.35	.....	20.35
Sullivan & Carmody...	.....	21.00	.85	21.85
Sand	8.50	.....	.....	.....
Salem Elevator Works	1,335.00	.....	.....	.....
Watchman and insp'tor	.....	.....	650.64	650.64
Water department ...	.....	.....	4.52	4.52
Totals	$2,150.47	$15,542.52	$2,352.90	$17,895.42
Less credits				2,150.47
Total cash expenditures				$15,744.95

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SEWER ASSESSMENT.

Account of Levy.	Receipts.	Transferred to Sewer Department.
1902	$ 10.00	
1904	727.30	
1905	976.50	
1906	1,807.59	
		$3,521.39

SIDEWALK ASSESSMENT.

Account of Levy.	Receipts.	Transferred to Sidewalk Department.
1901	$ 1.00	
1903	184.31	
1904	33.32	
1905	514.07	
1906	2,073.02	
		$2,805.72

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ANNUAL REPORT OF THE

OVERSEERS OF THE POOR

RELIEF DEPARTMENT.

To the Honorable, the Mayor, and Board of Aldermen.

In accordance with the charter and the revised ordinance of the city, the Overseers of the Poor respectfully submit their thirty-third annual report, it being for the fiscal year ending November 30, 1907.

OUT-DOOR RELIEF.

The number of persons aided during the year was 2,181, representing 550 families, at an expense of $24,304.09.

This department also furnished burial for 60 bodies, at an expense of $631.00.

The total expense for the year, for all classes of partial and full support, has been as follows:

City, out-door poor	$17,128.92	
City, sick at hospital	1,516.50	
City, burial	263.00	
		$18,908.42
State, out-door poor	$2,088.41	
State, sick at hospital	734.00	
State, burials	272.00	
		3,094.41
Cities and towns, out-door poor	1,850.26	
Cities and towns, sick at hospital	355.00	
Cities and towns, burial	96.00	
		2,301.26

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Overseers of the Poor	$391.95	
Salaries	3,775.01	
		4,166.96
City Farm		20,725.84
Total expenses		$49,196.89

RECEIPTS.

Appropriation	$39,000.00	
Receipts from all sources	7,376.24	
Additional appropriation	2,820.65	
		$49,196.89

Following is a detailed statement of expenses outside of the City Farm:

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DETAILED STATEMENT OF EXPENSES, OUT DOOR RELIEF, YEAR 1907.

	Groceries	Rent.	Fuel.	Shoes and Clothing	Medicine	Cities and Towns	Freight and Transportation	Salaries.	Telephone and Overseers of the Poor.	Hacks and Burials	Holyoke City Hospital	House of Providence Hospital	Board of Children at Hospital	Office Supplies	Other Institutions	Totals
Dec.	$ 1043.00	130.50	$ 154.75	$ 45 50	$ 215.90	$ 45.50	.....	$ 291.65	$ 1.90	$ 18 50	$ 160 00	$ 108.00	$ 27 00	$ 14.95	$ 177.82	$ 2432.97
Jan.	1232.50	141.50	90.00	34.77	239.45	414.31	.....	291.65	12.17	39.50	123.00	100.00	26.00	9.75	.....	2755.10
Feb.	1167.50	155.50	260.15	38.90	152 55	9.50	.....	291.64	22.47	84.75	138.00	109.00	23 00	17.75	.....	2470.71
March	1061.75	143.50	99.50	53.75	135.65	.....	$ 20.40	291.65	31.02	56 50	216.50	187.00	33.00	8.45	164.04	2522.71
April	1097.00	152.50	11.00	40 42	98.70	19.99	16.90	291.64	39.85	89 00	134.00	125.00	20 00	38.51	18.97	2188.48
May	1178 00	146.50	.....	20.11	217.40	127.08	.....	291.65	14.71	155.00	116.00	94.00	33.00	.....	140 21	2533.61
June	1007.00	160.50	2.00	30.00	71.80	201.44	37.44	291.64	19.50	64.00	58.00	100.00	33 25	8.75	.....	2085 32
July	1053.00	136.50	.....	3 00	143 50	17.25	34.00	291.65	25.85	69.68	32.00	125.00	.....	2.85	.....	1934.28
Aug.	1226.00	145.50	12.95	.....	92.15	.....	.....	291.65	13.90	98.00	25 00	73.00	.....	32 50	185.73	2191 38
Sept.	1250.50	185 00	9.75	38.55	142.00	141.53	19.09	291.64	23.38	92 50	64.00	130 00	63.00	10 60	25.54	2487.08
Oct.	1286.75	133.00	13.00	25 50	94.31	25 71	.....	541.66	35.50	37 00	99.00	99.00	19.00	2.25	49.47	2461.15
Nov.	1120.00	164.50	102.70	25.25	143.75	.....	18.54	316.89	56 00	70.75	128.00	82.25	.....	16.20	163 43	2408.26
	13743.00	1795 00	755 80	355 75	1742.16	1002.76	146.37	3775.01	296.25	870.18	1293.50	1330.25	277.25	162.56	925.21	28471.05

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AMOUNTS APPROVED, OUT-DOOR POOR, YEAR 1907.

Val Moquin	$372.00
O. N. Chaput	270.00
J. F. Sullivan	48.00
L. J. Becker	244.00
Perreault & Co.	230.00
A. H. Bray	52.00
Edmund Daviau	24.00
Thomas Dillon	180.00
Joseph Authier	8.00
Thomas Begley	60.00
John J. Prew	91.00
Joseph Langlois	40.00
William Bialkosky	114.00
Fitzgerald & Co.	19.55
Holyoke Coal and Wood Co.	11.00
John O'Connell	1,241.00
T. C. Marra	370.00
F. Goddu	370.00
Albert Pueschel	214.00
Atlantic and Pacific Tea Co.	212.00
John Cesasz	50.00
John J. Byrnes	287.00
Ovilla Poutro	83.00
John Wolfenden	39.00
Mrs. Philip Turcotte	96.00
S. Rouillard	96.00
C. L. Nadeau	366.00
W. F. Avery	17.00
C. Blais	83.00
A. L. March	15.00
W. T. Wilson	15.00
Roy W. Bates	6.00
Henry Gregoire	9.00
Roy & Desnoyers	150.00
Morgan, Crossman & Co.	.25

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Town of Montague	154.35
Mass. Hospital for Epileptics	740.07
E. H. Friedrich	17.33
Curran Bros.	42.67
E. Benard & Son	77.00
Couture & Harnish	12.00
M. J. Laporte	235.62
Joseph Cote	82.00
Transcript Publishing Co.	73.76
Charles Rhaume	110.00
Max Abrahamson	84.56
James Griffin	216.00
Mrs. Celanire Brouillet	108.00
Union Coal and Wood Co.	379.40
J. H. Fitzsimmons	720.75
F. Menard	276.00
P. D. Moran	43.00
Peter Juraz	101.00
W. T. Burns Shoe Co.	67.75
J. B. Archambault	344.00
J. F. Kennedy	250.00
M. Kaplinsky	124.00
J. F. Coughlin	153.00
McAuslan & Wakelin	12.00
Sisters at Mt. St. Vincent	149.25
Louis Bibeau	301.00
A. Ferguson	128.00
Sears & Co.	160.00
J. R. Smith	182.00
John D. Leary	152.00
Jacob Solon	241.00
W. B. Whiting Coal Co.	358.40
J. A. Peltier	176.00
T. & J. Dillon	8.00
D. M. Foley	272.00
Louis A. Lafrance	183.00

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Timothy Collins	96.00
M. J. Moriarty	11.00
Timothy Donoghue	205.50
M. J. Doyle	17.25
A. D. Durocher	498.00
Sisters at Brightside	128.00
Russell Bros.	100.00
Max Tiedman	2.00
New England Telephone Co	6.63
Hugh Donoghue	145.00
George N. Frissell	40.00
R. P. Mercure	166.00
Thomas J. Griffin	56.00
A. Steiger & Co	9.86
J. H. Fleury	190.00
Morin Bros.	382.00
Thomas Falvey	39.00
House of Providence Hospital	1,330.25
Holyoke City Hospital	1,293.00
Thomas F. Connor & Co	86.60
A. R. Vncent	116.25
Millane Bros.	278.00
C. M. Porter	24.70
A. F. Glesmann	59.30
M. M. Murphy	65.60
Flynn Drug Co	83.75
Dr. George D. Henderson	6.00
John Heinritz & Son	22.65
Riverside Pharmacy	196.10
City of Springfield	470.25
Forbes State Hospital	110.97
Masse Bros.	141.00
Thomas S. Childs	137.47
Mrs. B. J. Grady	207.00
C. F. Glidden	178.00
Overseers of the Poor	233.62

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D. P. Sullivan	937.00
C. E. Ball Drug Co	452.01
F. Donoghue	467.00
August Wildner	25.00
City of Worcester	122.35
City of Chicopee	103.20
Gilbert Potvin	102.00
J. R. McNally	72.00
E. M. Curran	88.00
J. C. Tormey	8.00
City of Medford	61.95
M. J. Coffey	3.50
E. M. Greeley	102.00
Dufault & Chaille	22.50
H. L. Mousette	278.00
Edward O'Connor & Co	19.75
H. Marcotte	30.00
R. W. Sanderson	30.00.
W. N. Howes	18.00
H. G. Smith	156.00
Dr. Louis H. Clarke	5.00
A. F. Gingras	196.00
D. P. Hartnett	47.35
P. A. Mahoney	83.20
W. F. Grady	38.30
Cleveland's Pharmacy	17.70
Price & Lee Co	4.50
Michael Lynch	88.00
Mrs. Eugene Moriarty	50.00
John Sobon	40.00
Fay & Shumway	6.00
A. L. Coderre	64.00
John B. Shea	89.00
Smith Drug Co.	46.50
Arthur Hebert	3.05
City of Lowell	25.50

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John B. Beauvais	5.75
John Ahern	7.00
S. Davis & Son	7.92
Joseph Quinn	25.00
Anthony Ciotsk	111.00
C. R. Alger	29.00
A. St. George	2.00
National Blank Book Co	7.00
George Kraski	8.00
Alfred Therrien	134.93
James P. Hobart	46.00
J. J. Craven	35.00
Lorenzo D. Ally	58.00
Dr. P. T. O'Reilly	5.50
Charles U. Roy	39.50
A. Levine & Co	1.75
D. Rubin	8.00
Shea & McKenna	27.00
Banas Dubiel	30.00
Lavoie & Domingue	149.00
Johnson, Butler Co	2.25
Commonwealth of Massacuhsetts	72.17
Cty of Boston	19.99
George N. Jefferson	35.00
Dennis Chaille	24.00
Joseph Dupont	8.00
Joseph A. O'Donnell	23.00
Doyle & O'Connor	5.00
T. F. Ryan	25.00
M. Callahan	5.00
City of Northampton	24.42
City of Fall River	12.50
Lynch & Smith	4.50
Mrs. Rosa Wruck	5.00
F. S. Webster	4.50
Bridget Sheehan	54.00

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William Murray	10.00
H. J. Glutney	12.00
Dr. William Teahan	5.00
George H. Hill	1.00
Hermidas Perrault	48.00
P. Caisse	62.00
H. E. Bryant	10.25
A. Symasko	6.00
City of Chelsea	5.25
Town of West Springfield	3.00
Samuel Solins	2.00
John Doyle	1.50
John F. Quigley	45.20
Charles E. Bardwell	2.00
N. Mercure	48.00
City Market Co.	25.00
Bibeau Coal Co.	7.00
L. J. Laporte	13.35
George F. O'Connor	4.15
John Tilley	32.50
D. F. Donoghue	18.00
Smith Bros.	2.00
P. Drapeau	12.00
Mrs. Patrick Sullivan	20.00
A. C. Menard	12.00
T. W. Cavanaugh	4.00
Wells Lathrop	15.00
E. G. Couture	3.00
Mrs. Michael O'Connor	10.00
Joseph Beauchamp	2.00
Elmwood Pharmacy	1.05
Livermore & Martin	1.75
George G. Ware	56.00
A. Zimmerman	10.00
Goodall Drug Co.	1.10
Frank Stein	6.00
Val Ducharme	12.00
Peter Marsh	5.00

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SICK POOR.

The expense at the hospitals for the care and board of the sick poor was $2,623.75.

The item for medicine for the patients at home and attended by the City Physician was $1,742.16.

CHILDREN.

This Department provided for four orphans at the various Sisters' Institutions at an expense of $277.25.

CITY FARM.

The number of inmates cared for during the year was as follows:

Number of inmates Dec. 1, 1906.....	138	
Number admitted during the year.....	220	
		358
Number discharged and died.....		217
Number remaining November 30, 1907....		141

HOSPITAL DEPARTMENT.

Of the above number the following were admitted to the hospital department:

Number of sick in hospital Dec. 1, 1906...	46	
Number admitted during the year.....	187	
		233
Number discharged and died.....		185
Number remaining November 30, 1907....		48

The total number of patients receiving hospital treatment during the year was as follows:

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Males	133
Females	100
	233

Of the above number 161 were sent to the hospital direct, the remainder were inmates of the Institution.

The duration of treatment aggregated 2,151 weeks, or an average of 9 weeks and 6 1-2 days for each patient.

Following is a detailed statement of expenses at the City Farm:

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DETAILED STATEMENT OF EXPENSES, CITY FARM, YEAR 1907.

	Groceries	Meat and Fish	Feed	Medicine and Whiskey for Hospital	Shoes and Clothing	Dry Goods	House Goods and Furniture	Painting and Plumbing	Hardware and Lumber	Salaries	Disinfectants and Oil	Supplies Shoeing and Repairing	Stationery and Telephone	Prof. Services and Misc. Items	Team of Horses, Coupe, Sawing Wood.	Totals
Dec.	$ 408.42	$ 254.68	$ 63.50	$ 195.80	$ 68.86	$ 10.64	$ 2.16	$ 8.15	$ 16 47	$ 627 57	$ 5.80	$ 41 95	$ .75	$ 50 00	$	$ 1754.75
Jan.	259.56	228.78	84 32	231.46	51 45	18 00	34.27	52.45	2.99	639.50	.....	30.40	12.49	... .	.....	1645 67
Feb.	327.96	223 46	32 51	196.58	15.50	4.64	50.01	21.58	13 36	626.00	....	56.50	8.10	9.50	.....	1585 70
March	324.40	249 41	52 85	102.66	8 90	3 20	.....	12.70	5.31	647.00	107.09	23.50	.75	51.50	681.00	2270.27
April	405.39	172.53	78 90	207.19	34 50	9.95	22.97	31.32	16.23	640 00	... .	29.60	16.20	.....	.....	1664.78
May	390.58	386.65	76.30	82.75	37 75	.....	.....	22.90	5.08	647.00	.....	29.83	19 91	28.50	300.00	2027.25
June	448.99	304.18	36 35	124.75	34.50	... .	.....	25.95	23.36	640.00	6 00	11.15	.85	74.81	.....	1730.89
July	273.46	291 77	78.00	150.80	32.05	41.10	3 00	21.10	11 32	640.25	83.65	15.55	1.62	3 00	.. .	1646.67
Aug.	349 88	298.15	59.30	85.50	13.35	.....	.....	13 45	28.00	652.00	.....	50 50	95	.....	.....	1551.08
Sept.	350.31	294.20	52.55	151.88	113.85	.....	....	37 79	35.80	645.00	6.00	91 54	2.80	52.05	.....	1833.77
Oct.	227.03	267.71	107.65	73.77	38.25	5.70	.....	1.75	12.25	649.50	.....	22.30	75	16.00	.....	1422.66
Nov.	429.50	304.37	69.20	77.40	3.55	.....	3.50	24.05	16.44	632.65	.....	9 95	1.74	20.00	.....	1592.35
	4196.38	3275.89	791.53	1680.54	452 51	93 23	115.91	273.19	186 61	7686.47	208 54	412.77	66.91	305.36	981.00	20725.84

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AMOUNTS APPROVED, CITY FARM, YEAR 1907.

James F. Reidy	$ 7.08
Dr. J. H. Potts	7.00
James Clark	243.45
A. Steiger & Co	3 04
W. T. Burns Shoe Co	130.49
P. Donegan	23.85
G. E. Russell	137.33
C. G. Burnham	253.75
Holyoke Steam Boiler Works	5.25
New England Telephone Co	10.71
Doyle & O'Connor	62.50
Geary, Sullivan & Co	345.85
Roland T. Oakes Co	4.65
Holyoke Paint and Wall Paper Co	57.90
Thomas F. Connor	19.35
Millane Bros.	854.75
M. M. Murphy	52.15
Rev. John B. Daley	200.00
City Mills Co.	265.03
McLean Bros.	70.53
M. Callahan Co.	254.80
J. J. Eagan	6.56
D. J. O'Brien & Co	12.72
P. J. Murray & Co	82.45
McAuslan & Wakelin	87.49
American Soap and Washoline Co	115.37
Oakdale Mfg. Co.	339.60
F. C. Small & Co	17.88
Dr. T. J. Shinkwin	67.50
M. J. Bowler	417.65
Casper Ranger	15.90
Mrs. James Shea	246.17
Maurice Curran	81.57
B. F. Bigelow	499.88
Hugh Donoghue	145.03

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J. B. Archambault	115.20
Frank L. Greaney	360.06
Dietz Baking Co.	250.95
Kaffir Cigar Co.	75.65
Moses Fairfield	40.65
Bart S. Casey	117.50
C. M. Donnelly	462.66
John O'Connell	1,405.81
Russell Bros.	153.28
Daniel Leahy	46.90
H. L. Handy	5.00
C. W. Rackliffe	1.80
Thomas M. Cleary	299.21
John O'Shea	2.50
Sullivan & Carmody	9.35
M. J. Doyle Printing Co	26.00
P. L. Rider	55.74
T. F. Kilbride	9.83
Daniel P. Hartnett	71.72
Jeremiah J. Slattery	308.32
Prentiss, Brooks & Co	285.25
F. L. Clapp	35.00
Holyoke Broom Works	35.00
George H. Hill	4.25
Lynch & Smith	26.00
Napoleon Bail	2.50
Price, Lee & Co	3.00
M. A. Allen & Son	9.92
M. J. Moriarty	116.34
C. B. Dolge Chemical Co	8.43
W. F. Grady	81.02
Rochester Germicide Co.	77.91
Norman C. Haynor	14.70
Daniel Kavanaugh	81.00
Maplewood Mills	27.20
T. C. Cavanaugh	150.21

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J. R. Smith	38.37
M. Hicks	616.00
Joseph Durocher	41.50
R. R. Nickerson	.85
G. J. Prew & Co.	112.80
Leonard A. Treat	6.44
Jeremiah Shea	23.00
Sparrow & McTigue	117.07
Dr. Adolph Franz	20.00
Hugh Donoghue	217.00
Peter Freeman	50.00
Baker-Vawter Co.	18.01
J. & W. Jolly	.38
Fitzgerald & Co.	4.09
Whiting Farm	13.60
Goodall Drug Co.	1.00
James Griffin	235.29
D. M. Foley	455.13
J. Russell & Co.	30.07
W. H. Abbott	3.81
Thomas J. Griffin	166.70
D. P. Sullivan	233.01
T. J. Lynch	80.20
N. C. Cook	19.75
West Disinfecting Co.	83.65
Conn. Valley Lumber Co.	3.00
George Ferris	23.60
M. O'Connor	79.02
C. E. Ball Drug Co.	9.45
Gallivan Bros.	15.80
F. W. Woolworth & Co.	3.00
Chase & Cooledge	.55
Sutherland & Co.	2.70
Cornelius Kennedy	6.00
O'Donnell Family Shoe Store	23.50
Dr. Louis H. Clarke	10.00

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John H. Delaney		15.05
J. F. Kennedy		259.29

RECAPITULATION.

Out-door poor city	$18,908.42	
Out-door poor, state	3,094.41	
Out-door poor, cities and towns	2,301.26	
Overseers of the Poor	4,166.96	
City farm	20,725.84	
		$49,196.89

CR.

By amount charged to state	$3,094.41	
By amount charged cities and towns	2,301.26	
By visits of City Physician, state	95.50	
By visits of City Physician, cities and towns	215.00	
By cash from state	217.28	
By cash from cities and towns	799.94	
By cash received from board of individuals	745.01	
By reimbursement from board of epileptics	48.75	
By cash from sale of horses	225.00	
Farm produce	666.71	
		8,408.86
Net expense to city for year 1907		$40,788.03

Respectfully submitted,

PATRICK J. DOWD,
WILLIAM J. DILLON,
JOHN T. SHEEHAN,
Overseers of the Poor.

JAMES T. CUNNINGHAM,
City Almoner.

Submitted December 26, 1907.

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ANNUAL REPORT

OF THE

SCHOOL DEPARTMENT

OF THE

CITY OF HOLYOKE

FOR THE FISCAL YEAR ENDING NOV. 30,

1907

HOLYOKE, MASS.
M. J. DOYLE PRINTING CO.
1908.

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Holyoke School Committee

ORGANIZATION FOR 1907.

Office in Elm Street Building.

Hon. NATHAN P. AVERY, Mayor.

ODILON Z. E. CHAREST,
Chairman.

JAMES J. O'DONNELL,
Secretary and Superintendent of Schools.

		Term expires Jan.
At Large	JOHN J. KIRKPATRICK,	1908
	DR. GEORGE H. CLARK,	1910
Ward 1	DANIEL M. FOLEY,	1910
Ward 2	ODILON Z. E. CHAREST,	1909
Ward 3	AUGUST H. BAUSH,	1910
Ward 4	JOSEPH F. SULLIVAN,	1909
Ward 5	JAMES T. McTIGUE,	1908
Ward 6	EDWARD J. GORMAN,	1909
Ward 7	FREDERICK S. WEBBER,	1908

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Holyoke School Committee

ORGANIZATION FOR 1908.

Office in Elm Street Building.

Regular Meeting, First Monday in the Month.
(January, First Tuesday.)

Hon. NATHAN P. AVERY, Mayor.

ODILON Z. E. CHAREST,
Chairman.

JAMES J. O'DONNELL,
Secretary and Superintendent of Schools.

		Term expires Jan.
At Large	THOMAS H. SEARS,	1911
	DR. GEORGE H. CLARK,	1910
Ward 1	DANIEL M. FOLEY,	1910
Ward 2	ODILON Z. E. CHAREST,	1909
Ward 3	AUGUST H. BAUSH,	1910
Ward 4	JOSEPH F. SULLIVAN,	1909
Ward 5	DANIEL F. WATERS,	1911
Ward 6	EDWARD J. GORMAN,	1909
Ward 7	FREDERICK S. WEBBER,	1911

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Standing Committees for 1908

High School—Messrs. Clark, Foley, Webber.

First District—Messrs. Sullivan, Webber, Sears.

Second District—Messrs. Gorman, Clark, Baush.

Third District—Messrs. Waters, Foley, Charest.

Rules—Messrs. Webber, Charest, Foley.

Finance and Accounts — Messrs. Sullivan, Webber, Clark.

Salaries—Messrs. Sears, Baush, Waters.

Text Books and Courses of Study—Messrs. Clark, Sullivan, Baush.

Printing and Supplies—Messrs. Gorman, Sears, Sullivan.

Music—Messrs. Baush, Webber, Waters.

Drawing and Writing—Messrs. Waters, Baush, Charest.

Health and Physical Culture—Messrs. Clark, Foley, Gorman.

Evening Schools—Messrs. Foley, Sears, Charest.

Attendance, Census and Truancy—Messrs. Foley, Sears, Gorman.

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Calendar

SCHOOL YEAR 1907-1908.

Winter Term.....begins January 6, 1908.
Winter Term.....ends March 27, 1908.
Summer Term.....begins April 6, 1908.
Summer Term.....ends June 26, 1908.
Fall Term.....begins August 31, 1908.
Fall Term.....ends December 18, 1908.
Winter Term.....begins January 4, 1909.

VACATIONS.

March 28 to April 5, 1908, inclusive.
June 27 to August 30, 1908, inclusive.
December 19, 1908, to January 3, 1909, inclusive.

HOLIDAYS.

Every Saturday, Fourth of July, Washington's Birthday, Good Friday, Memorial Day, Thanksgiving Day with the day following, New Year's Day, Patriot's Day, and Labor's Holiday.

Regular Meetings of the School Committee—The first Monday evening in each month at eight o'clock; except in January, when the monthly meeting will be the first Tuesday.

Accounting Committee's Meetings—Upon notification.

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REPORT OF

SCHOOL COMMITTEE.

To His Honor, the Mayor, and the Citizens of Holyoke :

The School Committee respectfully submit their annual report for the year 1907.

The School Department has finished another prosperous year, during which the high standing of the public schools of this city has been well maintained. Holyoke's great educational mill has been running smoothly and effectually, and the brand of future citizenship that is being turned out is just cause for pride on the part of our citizens. The sacred responsibility of directing the education of the youth is fully appreciated by your Committee and their every act has been to improve the character of our schools and promote the interests of the children.

In the schools of Holyoke today may be found a body of teachers the personnel and ability of which is, in the main, excellent. Probably there are no persons in our community who exert so great an influence as they upon the child's character and ideals, yet the public appreciation has never been commensurate with their worth. During the year the Committee voted to accede to the request of the teachers of the city by granting them an increase of fifty dollars per year, commencing December 1st, 1907. In doing this the Committee feel that they have the support of the best public sentiment. During the past few years teachers have been obliged to meet the increased cost of living and the higher requirements for professional training upon practically in-

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adequate salary. The increase, which may be regarded as a generous one under the present unfavorable financial conditions, is highly satisfactory to the teachers.

Under ordinary conditions our school enrolment of last year would be very high, especially in the congested districts of Wards One and Four, were it not for the fact that in both these districts new parochial schools were opened in September. The majority of the pupils of those new schools were drawn from the public schools and as a result normal conditions are reported at the North Chestnut Street and West Street Schools. In the South Holyoke district the new Morgan School was opened in April and at the end of the school term just closed the principal reports that the new building has proven admirably adapted for the purposes and he is well pleased with its arrangement and working. We are glad to state that the situation, which has been acute in this section for many years, is finally relieved.

The Sargeant Street building is now undergoing extensive repairs, which will help to put this building in the class of up-to-date school houses. During the year many valuable improvements have been made by the Board of Public Works in the different schools, chief among which has been the repainting of the whole interior of the Ewingville, the North Chestnut Street, the Springdale and the Park Street buildings. This improvement was of great merit and has given the schools a purer and more wholesome atmosphere. We would recommend that the South Chestnut Street and Highland buildings receive similar treatment, as their needs in this particular are not less worthy of attention than were those of the above mentioned schools.

At the Elmwood School there is an urgent need of a hall, without which no school of sixteen rooms or even less is complete. The Board would recommend that steps be taken at once to give to Elmwood what they are certainly entitled to and what the best school work requires.

At the Nonotuck Street School there is but one exit,

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which we feel would prove fatally inadequate in case of fire during school hours. Where the safety of the children is menaced by school conditions there is no question about the attitude of this Board, which is for immediate action to the end that the danger be removed.

At the Elm Street School better and increased lighting fixtures are required if the children's sight is to be protected. There should also be additional drinking fountains placed in the building.

An emergency toilet on the third floor of the Springdale building would be a valuable, advantageous improvement.

At the Hamilton Street School a distinct improvement could be effected by replacing the upper part of the class-room doors by glass and thus remove the sepulchral gloom of the corridors.

The sanitaries at the West Street, Appleton Street and Elmwood Schools should be repaired and altered or removed. Defective sanitaries have no place in any school house.

Such, in brief, is the list of major needs of the school buildings of Holyoke which we trust the Board of Public Works will fill during the coming year.

We have again to call the attention of the Mayor and City Government to the fact that nothing has as yet been done toward providing necessary accommodation for Oakdale and North Chestnut Street. In the former it is the utter lack of accommodation, while in the latter place the need is for a new school to take the place of the present out of date building. The School Committee, which has already gone on record in this matter several times in the past, feel that some definite action should be taken by the incoming City Government to improve these trying conditions of our public schools, and will not agree to any policy of inaction in this matter.

In all lines of educational effort the year of 1907 has been one of steady progress. The Department of Domestic Science and Manual Training has become a notable feature

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of our school work and its important place in the education of the youth of today is readily acknowledged by all good school authorities.

The evening schools are growing each year, especially in the number of those who attend by choice and not by legal requirement. It is gratifying to observe the large number who are taking advantage of the opportunities of the Evening Grammar and High School. This branch of school work is one worthy of the School Board's best effort.

During the year irregularities were discovered in one department, but vigorous and salutary measures were at once originated by the School Board to prevent a recurrence in this or any department connected with the schools and we believe the system will be all the healthier for these discoveries.

In a report of this character we will state but the totals involved in financing our department. For the year 1907 the appropriation and transfers were $182,154.19, the receipts $2,689.44, additional transfer to meet overdraft $588.49, making a total income of $185,432.12, as well as a total expenditure of this same amount. But provision must be made for the fiscal year of 1908, not only for the growing school activities, but also for the additional salaries referred to in another part of this report. As this matter will be handled specially by the Committee on Finance, we do not deem it our duty to go into it here in detail, only to say that the proportion of money spent by the City of Holyoke itself for its schools is as little as any of the manufacturing cities in the state. A detailed schedule for all of the moneys received and spent will be found in the printed report.

Respectfully submitted,

JOSEPH F. SULLIVAN,
AUGUST BAUSH,
FRED S. WEBBER,

Committee on Annual Report.

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REPORT OF THE

Superintendent and Secretary.

To the School Committee of Holyoke.

GENTLEMEN:—I take great pleasure in offering for your consideration the forty-fourth annual report of the Superintendent of Schools.

VARYING CONDITIONS.

There have been numerous changes of the school pupils and school buildings during this past school year.

In the South Holyoke district the new Morgan School, with its full complement of teachers and school equipment, has been a great relief to the former congested conditions in that quarter. The possession of this building helps both on the grounds of economy and also as a safeguard against dangers, affording increased and better school facilities; it has enabled the school authorities to abandon those outside rooms in that district, which at their best are poorly adapted to school purposes as well as a source of increased expense.

The former Park Street School teachers, with their principal, Miss Jennie E. Scolley, were transferred to the Hamilton Street School, while Miss Emily L. Curran, formerly principal of the Sargeant Street School, was transferred to the Park Street School.

Other transfers will soon be realized, and there is a good prospect of a well heated, well ventilated, sanitary building in the place of the present Sargeant Street School building. Active steps are already being taken to bring about those results.

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Again, there has been a distinct change in Ward One. The Bridge Street School, four rooms of which were formerly used, has been vacated as a public school and the building itself and the grounds have been sold by the city authorities. The former pupils have for the most part been transferred to the West Street School. However, the time is not far off when, according to the normal growth of the school population in that district, it will be necessary to have increased accommodations in Ward One, but the city is fortunate in having the East Dwight Street School which can be put in proper physical condition within a reasonable length of time.

Although much has been done to beautify and make wholesome the present North Chestnut Street School, yet it is unfit for a proper school building.

The Board of Public Works, during the year, has made many improvements in the Nonotuck Street, Ewingville, North Chestnut Street and Springdale Schools. Many things, however, remain to be done. The Elmwood School could have its sphere of usefulness greatly increased if it had a public hall. The sanitaries should be located outside of the building proper, and the unpleasant and unhealthy odor that is driven through the main corridor could be thus done away with, as well as increased room capacity could be given to that building now crowded with pupils.

EVENING SCHOOLS.

The interest in the evening school has been continued, and even increased, as the numbers in constant attendance will attest. The present evening school has grown beyond the stage of experiment and entered into a field of education and utility beyond any question. The personnel of the evening school teaching force has been held up to as high a standard as could be obtained, preference being given to normal school and college graduates before all others. The advantage to be gained from such a selection must appeal to every disinterested person.

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The evening grammar school has been more largely attended than ever before, and the evening high school has had a more constant attendance. The curriculum is composed of bookkeeping, typewriting, shorthand, advanced English, modern languages, algebra, mechanical drawing, with its work so arranged that these subjects will be increased or decreased accommodating themselves to the needs of the pupils. The general work of the evening schools is highly satisfactory.

TEACHERS' INSTITUTE.

Preparation is already well in hand for conducting a Teachers' Institute, which is intended to be not only one of theory but of practice. A list of eminent speakers and instructors, both national and state, has been selected and we can with every confidence look forward to an institute whose direct influence on the teaching force of our city ought to be strong. The State Secretary of Education, Mr. George H. Martin, has kindly agreed to be present, and he has at all other times shown a disposition to be of assistance to our city.

TEACHERS.

If reference is made to the annual reports of the years 1905 and 1906 you will there find means which I have believed most feasible for the selection of new teachers.

There are many problems at the present time, but the one aspect that is deserving of strong attention is, how to properly treat the teacher who has grown old in the service. What is the best way by which the greatest amount of justice can be done to her and by which the greatest amount of justice can be done to the city? When a teacher has ceased her days of usefulness to the schools on account of lack of health or age, should not some steps, considerate of her, be taken by those in whose service she has come to that state? On the other hand, is it an act of justice to

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the growing pupils to be taught by a teacher under those conditions? There are different solutions of this problem; opinions vary; but the problem ought to be examined with clearness and intelligence by the authorities who have such matter in charge and the most equitable conclusion for the teachers and the city drawn.

This problem does not exist to as great an extent in our city as it does in a great number of other cities throughout even our commonwealth. Here our teaching force is to a great degree composed of men and women whose personality and teaching capacity are in every way conducive to developing the best there is in the child. Ability and willingness are the characteristic marks of the vast number of Holyoke teachers.

FIRE DRILLS.

Fire drills occur regularly in our schools, and strong precautions are taken to avoid any dangerous liabilities. The vigilance of the authorities in charge is being exercised to develop every reasonable security for the protection of the school children.

MEDICAL INSPECTION.

The present school year has witnessed in our schools the medical inspection as a reality. Although it is not conducted at the present time on an expensive scale, still its influence is deep. The great assistance given by the suggestions and examinations, the help toward better physical development, is very manifest, for there are a great mass of children whose parents cannot afford to pay for the medical help and yet whose condition demands this help, to whom this word in time would set their whole physical being right, would prevent poor sight, would destroy adenoids, would prevent in its early stage forms of contagious dis ease, would help the public health in a great measure.

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The usefulness of medical inspection is impaired by lack of funds, but its field of usefulness is large and effective both as a destroyer and preventer of disease. The wisdom of medical inspection cannot be questioned and its field ought to be extended. Children affected by sickness deserve the helping hand of the state, and insurance against sickness is a splendid investment for our city.

PLAYGROUNDS.

Playgrounds are a vital part of school life. The development engendered in the playing field is very valuable. The health of body and mind, the force of character that is developed herein, are unquestionably recognized. The care and protection that a child would have in such playgrounds, and the removing of the street hazards, make playgrounds a part of school life almost invaluable.

All the grammar schools should have playgrounds, and the High School one large campus particularly for the High School scholars, and at times where all the other scholars of the city could play with the fullest freedom.

While almost all of our citizens concede the necessity of playgrounds, yet as our modern school buildings are constructed, one after the other, we do not have adjoining them proper playgrounds. Why is this? With our growing population it can hardly be thought proper economy to delay the purchase of such sites. Such a delay under ordinary aspects would look like false economy. In the meanwhile, the need of fitting playgrounds constantly grows.

Respectfully yours,

JAMES J. O'DONNELL.

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REPORT OF THE

Supervisor of Drawing.

Mr. James J. O'Donnell, Superintendent of Schools.

DEAR SIR:—The work in Drawing and Art Education has been carried on, during the past year, very nearly along the same lines as for the two or three years preceding.

It has sometimes appeared in the past as if many thought that constant changes—the adoption of new ideas and methods, with apparently little regard paid to the question of their being any better than those already in use—must invariably be manifestations of growth and improvement, but at the present time this tendency has mostly disappeared. In fact, as the ends to be secured by the introduction of Art Education into the public schools have become more thoroughly understood, the work has been more thoroughly systematized, until now, the courses followed in the more progressive of the leading cities of the country, as far as circumstances will permit, are very nearly identical.

One hour a week in the grammar grades is a discouragingly small amount of time in which to attempt to teach the many topics that are included in our course.

Then again, design and construction are so closely related that it seems absolutely necessary that some construction of objects should be attempted in order that pupils may realize this close relation, but this takes time from our already small allowance, while in many cities time is provided for such work as Manual Training outside of the regular time allotted to drawing. I earnestly hope that this matter will be given serious consideration.

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I would like to call attention to the fact that an "International Congress for the Advancement of Drawing and Art Teaching is to be held in London next summer. Leading educators from nearly every part of the civilized world will meet there to discuss problems connected with this subject.

An interesting point to be noted in connection with the congress is the prominent part to be taken by Americans —and this is noteworthy because it indicates the rapid advance that has been made in the teaching of this subject in America during the last score of years.

Twenty years ago America, as a whole, would have made but a poor showing in the line of Art Education compared with the work that was being done in Germany and France; but today the best of our public school work will compare favorably with the best that can be shown from any other country in the world.

Excellent work has been done in the High School during the past year, and it has been the source of much gratification to hear the favorable comments that have been made by visitors concerning the drawings and paintings that have been on exhibition. The remark has more than once been made, "I had no idea that such work was done here."

The graded schools have been visited every two weeks by the supervisors, and the regular visits of inspection have been made. Teachers' meetings also have been held as usual.

In conclusion, I wish to express to the principals and teachers in our schools, my appreciation of their intelligent support in our work together during the year, and to thank the superintendent and members of the School Board for the kind consideration that has been given to my department.

Respectfully submitted.

ISABELLE H. FERRY,

Supervisor of Drawing.

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REPORT OF THE

Supervisor of Music.

Mr. James J. O'Donnell, Superintendent of Schools.

DEAR SIR:—There has been no change of importance in the instruction of music in the schools the past year. We have just been trying to enforce some of the problems of a music course.

I can see some advancement in the past year, but not as much as I expect in the future. On the whole, we have an excellent corps of teachers, who seem to work with enthusiasm; and work in this manner is sure to accomplish good results.

In May, I was requested by the Grand Army Committee to arrange a chorus for Memorial Day exercises. I organized a chorus of four hundred boys from the various grammar schools, who demonstrated a singing quality of voice which was greatly enjoyed by the vast audience.

My reason for selecting boys only was to show the people that a boy can sing, and that he enjoys it as much as a girl.

The grammar school graduation was held in the opera house and was pronounced a success, being one of the best that has been given, the different classes giving part songs, of a class of music that we would not have dared to try several years ago; and to do this shows a decided improvement.

At the High School we have had all students take music, dividing the school into two choruses, which have worked

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very well. I also had a chorus for the graduating exercises which did excellent work.

Allow me to express my thanks to the superintendent, principals and teachers for their hearty co-operation.

Respectfully submitted,

HUGH CRAIG.

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REPORT OF THE

Supervisor of Writing.

Mr. James J. O'Donnell, Superintendent of Schools.

DEAR SIR:—In the perfection of the school course, a great deal depends upon the writing of the pupil. With this in mind, it has been our aim to have all work of a high order, and results show our efforts have been most successful. Two new books, containing business forms, were added to the course now in use in our schools. These books have proven both beneficial and instructive. In a manufacturing city like Holyoke, where a large number of the pupils are obliged to have only a limited education, it is in my opinion important that the common or most useful branches be given special attention; therefore I would like if possible to give the first primaries more time than my program, considering the great number of rooms, will allow; so if it could be arranged, as in the past, to have an assistant in this department, I think it would prove beneficial enough to warrant the expenditure. In closing, I wish to thank all associated with me in my work, for their courtesy and consideration.

Respectfully submitted,

ESTHER A. MacDONNELL.

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REPORT OF THE

Principal of the High School.

Mr. James J. O'Donnell, Superintendent of Schools.

DEAR SIR:—All annual reports must, to a certain extent, be similar, in that they show the work of the school, which, from year to year, suffers no great change. Some of the changes made this year cover the following matters: Examinations, Reports to Parents, Parents' Days, Courses of Study.

EXAMINATIONS.

A change was made in the time and form of examinations. A written test, occupying the regular class recitation period, is given from time to time, as the teachers deem necessary. They occur at least once in five weeks. Formal written examinations are given semi-annually, one coming at the close of the twenty weeks of school, in the latter part of January, the other being held shortly before the close of school in June. The examinations occupy three full days of school time, and are held both in the morning and afternoon of these days. The students' semi-annual and annual marks are based upon the examinations taken in connection with the daily recitations, the value of the examinations being to the recitation as one is to three. This places the daily work of the scholar in a more prominent position, but also shows the value of being able to answer definitely and concisely in a limited space of time, questions based upon the daily work.

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The examinations of the College Entrance Board were held at the High School building in June. Previously it had been necessary for the students to go to Springfield or Mt. Holyoke College to take these examinations. The results, in the main, of these College Board examinations were quite satisfactory, showing that the work in the school prepared our scholars to pass successfully examinations given by the College Board. One of the benefits of the school's semi-annual examinations is to qualify a student to more intelligently and successfully pass College Entrance and Civil Service examinations.

REPORTS TO PARENTS.

Instead of sending regular reports to parents every eight weeks, reports are now sent every ten weeks, or each quarter of the school year. The report for the second quarter shows the result of the student's work after he has taken the mid-year examination.

Special report cards are also sent to parents at least once in four weeks, where students are doing unsatisfactory work. These cards are often accompanied with special statements explaining as far as possible the reason for the failing mark.

When scholars enter school in the fall, they are quite apt not to properly estimate the time and energy required for the successful completion of their studies. They endeavor to take too many subjects and the result is, in many cases, failures. It is impressed upon the students that they should take as few hours as are necessary, and to arrange for systematic study from day to day in these subjects.

PARENTS' DAYS.

On September 13th of the present year, there was held the first "Parents' Day", to which the parents and friends

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of the school were invited. The sessions of the school were so aranged as to have school work both in the forenoon and in the afternoon. Very little change in the routine work of the school was made. It was desired that those who came should see our school work as it is from day to day. Exhibits were held in the Manual Training, Domestic Science and Art Departments. The attendance on this day was very satisfactory, and showed that the people had considerable interest in the daily work of the school. The second "Parents' Day" was held with equal if not greater success, on the 11th day of December. Other days of similar nature will be held from time to time throughout the year. In addition to the routine work, special programs for these days will be aranged.

COURSES OF STUDY.

Some changes have been made in the courses of study. One of the principal changes is that of a Special Commercial Course, which is placed on the schedule of courses for the purpose of interesting such students as may be unable to complete a regular four years' course, and still are anxious to qualify themselves for business positions. This course is being taken by about 60 students and is confined largely to strictly commercial branches. The English work for all students taking commercial subjects has been changed from four to five hours per week. The fifth or added hour is used for special instruction in business forms and commercial correspondence. Bookkeeping in the first year has been made an unprepared subject, coming three times per week, giving two hours for each recitation. This gives the teacher time for considerable individual instruction so necessary for accurate results and detailed work that a subject of this kind demands.

In Manual Training and Domestic Science, four hours per week are required of each student, and to get credit for

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these subjects, a student must complete a certain amount of work outlined for the course.

In taking up other matters of the school, I would first speak of the graduation exercises of the class of 1907. This class numbered 92; three of the members of this class received certificates of completion instead of regular diplomas. This was owing to the fact that while they had completed as many hours of work as the diploma required, they had not completed the exact subjects for which the diploma called. The honor students who represented the class at the Commencement Exercises, and being the nine who had the highest class standings for the four years, were as follows: Katherine Frances Connor, Anna Augusta Dalton, James Frederick Gaylord, Hannah Mary Griffin, Elvina Kristine Hansen, Bertha Alphonsine Laplante, Arthur Lister Rae, Bernice Ethel Maxfield, Alice Elizabeth Turner. The following is a list of members of the class who have been nither absent nor tardy throughout the four years: Antoinetee Charest, Isabella Skinner and Ralph Armstrong. Not absent: Earl Donahue. Not tardy: Ellen Fitzgerald, Ruth Farr, Augusta Chapin, Marion Demond, William Crosby, Raymond Chapin, Mary Dougherty, Septa Lynn, Eva Moynihan, Margaret Sullivan, Bertha Allen, Grace Taylor, Eva Dubois, Edith Kellogg, Myra Whitcomb, Anna Cronin, Anne Halfpenny, Leonise Charest, Katherine Connor, Olive Lynds, Myra Gould, Jean Lowe.

Twelve members of the class entered college, ten entered normal schools, 11 continued their study in special preparatory schools, and six have returned to this school for postgraduate work.

The enrolment by classes for September, 1907, was as follows:

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Classes.	Boys.	Girls.	Total.
Postgraduates	4	2	6
Seniors	32	50	82
Juniors	53	73	126
Sophomores	97	120	217
Fresmen	137	130	267
	323	375	698

In the matter of the examination of the sight and hearing of the High School pupils, I would report as follows: Six hundred and eighty-nine students were examined; out of this number, 109 were found defective in vision and 11 defective in hearing. In many cases, especially of the eyesight, the students had never consulted oculists. About 40 notices were sent to parents. The other cases were either well known to parents and had been under treatment, or else were not serious enough to require a special notification.

Some of the very urgent needs of the school are a system of shower baths and lockers to be placed in the basement for the use of the Department of Physical Training, and also a set of lockers adequate in number and size, for the use of the Manual Training Department. I would also suggest that the Manual Training Department be equipped with materials and tools for work in copper and brass, and that steps be taken towards the introduction, in the near future, of metal work, both for lathe and forging.

At other times and places, I have referred to the purchase of land adjacent to the High School building, to be used as an athletic field; where only a few students participate in the games and compete for places on the teams, the benefit of athletics is reduced to a very low minimum. Could we have a field convenient in situation and adequate in size, the nature and kind of athletic contests would be materially changed, and under proper supervision a larger

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proportion of our students might have the great benefits that vigorous outdoor exercise adapted to the individual needs would bring.

Allow me to extend through you to the members of the Committee, my thanks and appreciation for their support in the first full year of my principalship of this school.

Very truly yours,

HOWARD CONANT,

Principal.

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REPORT OF THE

Principal of the Evening High and Grammar School.

Mr. James J. O'Donnell, Superintendent of Schools.

DEAR SIR:—For the first time since the Evening High School was opened all classes are now conducted in the High School building, and this is a distinct advantage, for there is an atmosphere of advancement about this fine building, and the pupils seem to catch more readily the proper High School spirit and the inspiration to do better things. It was feared last year that the attendance in certain classes, if conducted in this building, would be so small that the subjects might have to be abandoned, but this fear was wholly groundless as is evidenced by the present good attendance in such classes as Mechanical Drawing, Civil Service, English Literature and the modern languages; the inconvenient location of the building having no effect whatever on the attendance.

The school opened two weeks earlier than usual this year with a very large enrollment which at present numbers 340, divided as to sexes, 195 males and 145 females. This is the largest number enrolled since the school was established. An average attendance of 72 per cent has been maintained.

As in past years, the strongest demand is for the Commercial course, and the work of this department has been broadened and strengthened during the present year to such an extent that I believe we now offer as good a course in business training in our Evening High School as can be obtained in any school in the city.

It is pleasing to announce that during the present year a course of study has been outlined for the different classes

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and when a pupil has satisfactorily completed the work outlined for one year in any subject, he is awarded a certificate, and the holders of these certificates may enter the school the following or subsequent years for advanced work.

At the opening of our evening schools each year we meet a considerable number of young men who are looking for classes in which they may receive a course of training directly connected with a particular line of work or trade; and this fact is evidence of the need in the near future of establishing an evening trades school. Of course, it is a question whether it is not too much to expect that our School Board should be called upon to maintain such a school, at least for several years; nevertheless, in a manufacturing city like ours, with such a large per cent of population engaged in daily labor in the mills, much of it unskilled, it seems to me that an evening school of this kind where practical courses in trades and crafts could be offered would have a far reaching effect and result in much good. These courses could be carried along with our Evening High School classes, for this fine building is easily adapted for such work and it is only just and right that our hard laboring people should enjoy some of the privileges which this building affords, as well as the more favored individuals.

While as above stated, it may be altogether too early to burden the taxpayers with the additional expense of maintaining a trades evening school, yet a beginning might be made with little additional expense by opening the Manual Training Department of the Day High School for the use of the evening classes. And when we consider that the expense of maintaining our evening schools is only about $10 per year for each pupil, we surely cannot be accused of extravagance, and I have confidence enough in the generosity and public spirit of our citizens to feel assured that they consider this money well invested, for certainly the resultant benefits are immeasurable.

Respectfully submitted.

P. J. GARVEY.

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Finances and Statistics

GENERAL STATISTICS.

Population of Holyoke, September, 1905	51,666
Total valuation of property	$44,753,780
Total number of children of school age (5 to 15)	10,460
Total number from 7 to 14 years of age	8,067
Total number of pupils in all schools, year ending June, 1907	7,142
Number under 5 years of age	348
Number over 15 years of age	683
Number between 7 and 14 years of age	4,505
Average membership in all schools	6,144.9
Average attendance	5,609.1
Per cent. of attendance	. 91.2
Total income of school department	$184,843.63
Total expenditures	$185,432.12
Overdraft	$588.49
Expended by Board of Public Works (repairs, fuel, power, light, water, janitors and janitors' supplies)	$46,124.72
Total expenditure for support of schools	$214,383.14
Cost per pupil based on average membership	34.887
Cost per pupil based on average membership 1906	32.683
Average for the state, report of 1905-1906	28.79
Tax on one dollar of valuation	.00474

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FINANCIAL STATEMENT.

RECEIPTS.

Dog taxes	$2,200.30	
Tuition	449.14	
Sales	40.00	
		$2,689.44
Appropriations and transfers		182,154.19
Total income		$184,843.63
Total expenditures		185,432.12
Overdraft		588.49

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ESTIMATES.

	Estimates 1906-1907	Expenditures 1906-1907	Estimates 1907-1908
Day school teachers	$142,660.00	$142,237.32	$152,315.00
Evening school teachers	5,000.00	5,397.00	5,400.00
Supervisors	4,100.00	4,250.00	4,250.00
Superintendent	3,000.00	3,000.00	3,000.00
Clerks	2,050.00	2,083.33	2,200.00
Truant officers	2,800.00	2,791.66	2,850.00
Janitors	15,370.00	2,971.19	
Building supplies	1,150.00	191.12	150.00
Educational supplies	7,000.00	8,521.36	8,000.00
Furniture	2,500.00	2,055.45	2,100.00
Text books	5,000.00	5,454.41	6,000.00
County truant school	400.00	253.42	385.00
Freight, express and cartage	300.00	276.14	300.00
Laundry	190.00	196.98	200.00
Livery	100.00	136.00	130.00
Office expense	100.00	149.13	100.00
Printing and advertising	800.00	1,175.03	800.00
Rentals	2,556.00	1,608.00	720.00
Transportation	600.00	622.50	750.00
Telephones	350.00	339.01	370.00
Special help	700.00	128.00	
Census	250.00	311.00	200.00
Unclassified	1,200.00	1,284.07	1,000.00
	$198,176.00	$185,432.12	$191,220.00

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CLASSIFIED EXPENDITURES.

SALARIES OF SUPERINTENDENT, CLERKS AND TRUANT OFFICERS.

Superintendent—James J. O'Donnell	$3,000.00
Clerks—Agnes M. Cadieux	700.00
Mary J. Callahan	750.00
Ida A. St. Martin	633.33
Truant Officers—Thomas W. Doyle	950.00
Edouard Cadieux	950.00
Thomas E. Gallagher	891.66
Thomas J. Ashe (census)	150.00
John Ryan (census)	150.00
Total	$8,174.99

EDUCATIONAL SUPPLIES.

Bookkeeping	$111.36
Busy Work	215.98
Crayon	65.66
Domestic science	227.13
Drawing	118.29
Erasers—blackboard	12.00
Erasers—rubber	70.80
Geography	432.00
History	53.13
Kindergarten	118.65
Manual Training	2,188.83
Music	63.85
Paints, brushes etc.	213.52
Paper	2,659.95
Pencils	504.75
Pens and penholders	195.00
Rules	62.70

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Science	124.36
Stenography	412.88
Writing	501.46
Unclassified	169.06
	$8,521.36

TEXT BOOKS.

Drawing	$14.72
Elocution	8.75
English	2,323.21
French and German	199.13
Geography	1,094.88
History	594.13
Latin and Greek	101.50
Library	4.05
Manual Training	6.60
Mathematics	521.20
Music	337.98
Physiology and Hygiene	3.15
Science	68.96
Spanish	26.25
Stenography	102.15
Unclassified	47.75
	$5,454.41

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ACCOUNTS WITH SCHOOLS.

SCHOOLS	Teaching.	Janitors and Help.	Building Supplies.	Educational Supplies.	Furniture.	Text Books.	Fuel.	Power and Light.	Laundry.	Telephones.	Miscellaneous.	Totals.
High	$ 28,513.68	$ 4,279.76	$ 172.55	$ 2,910.85	$ 91.35	$ 1,379.70	$ 2,588.70	$ 1,635.62	$ 75.98	$ 6.00	$ 1,590.78	$ 43,244.97
Appleton St.	8,391.72	746.15	60.11	340 07	28.65	622.12	863.00	209.38	8.80	25.00	.....	11,295.00
Bridge St.	1,707.75	551.43	14.78	3.60	16.20	173.36	331.77	68.30	2.32	18.76	.....	2,888.27
Elm St.	7,387.08	804.63	15.26	165.98	180.45	158.69	579.13	53.80	8.80	.....	.....	9,353.82
Elmwood	11,875.09	895.38	48.39	357.05	215.65	365 67	1,497.50	175.10	13.60	25.50	445.00	15,913 93
Ewingville.	1,409.34	150.00	3.61	37.38	47.50	43 70	167 65	.....	1.60	25.00	.....	1,885 78
Hamilton St.	8,224,18	828 46	64 79	313.02	217.96	359.40	869 36	128.34	11.20	25.00	.....	11,041.71
Highland	11,876,28	1,091.13	61.92	480.53	2.50	340.26	847.65	341.80	10.32	25.50	73 75	15,151.64
Ingleside	1,037,50	69.57	7.25	14.60	1.50	27.93	76 00	.....	.....	.....	15.00	1,249 35
Morgan	12,067.26	868.32	64.41	402.13	647.13	453.47	1,284.29	.....	13.32	25.00	39.75	15,865.08
Nonotuck	5,064.50	715.93	8.73	162.82	189.75	223.23	339.95	104.02	5.12	25.00	3.75	6,842.80
No. Chestnut St.	9,725.26	701.59	5.90	283.08	173.65	247.83	105.10	46.30	10.60	25.00	.....	11,324.31
Park St.	6,365.75	743.52	27 48	163.97	82 12	101.72	564.00	67.62	7.88	25 00	174 57	8,323.63
So. Chestnut St.	9,290.00	851.59	53.63	229.29	93.16	392.97	652.25	.....	12.00	25.00	.....	11,599.89
Springdale	5,467,58	716.91	18.70	145.66	36.67	200.57	565.00	16.30	5.28	26.01	.....	7,198.68
West St.	12,574 35	895.38	61.35	270.54	17.75	238.16	412.50	180.02	10.16	25.00	.....	14,685.21
West Holyoke	900.00	83 97	4.23	18.19	.....	13.70	12.00	.....	.....	.....	17.50	1,049.59
Evening Schools												
High	2,039.25	293.82	.....	18.66	.....	31.22	.....	.....	.....	.....	14 50	2,397 45
Appleton St.	719.75	300.00	.....	3.37	.....	25.92	.....	.....	.....	.....	.....	1,049 04
Hamilton St.	1,000 00	164.00	.....	43.67	.....	85.36	.....	.....	.....	.....	.....	1,293.03
N. Chestnut St	923.00	164.00	.....	22.60	.....	22.72	.....	.....	.....	.....	.....	1,132.32
Springdale	80.00	82.00	.....	4.73	.....	9.32	.....	.....	.....	.....	.....	176.05
West St.	635.00	164.00	.....	12.46	.....	.....	.....	.....	.....	.....	.....	811.46
General	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67.95	67.95
Ninth Grades:												
Man'l Train'g	604.00	.....	.....	874.33	.....	.....	.....	.....	.....	.....	.....	1,478.33
Dom. Science	576.00	.....	.....	93.40	.....	.....	.....	.....	.....	.....	.....	669.40
General	3,430.00	.....	102.67	.....	13.46	.....	.....	.....	.....	12.24	1,254.88	4,813.25
	$ 151,884.32	$16,161.54	$ 795.76	$ 7,371.98	$ 2,055.45	$ 5,517.02	$11,755.85	$ 3,026.60	$ 196.98	$ 339.01	$ 3,697.43	$ 202,801.94

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SUMMARY OF EXPENDITURES BY MONTHS.

December	$19,023.91	
January	19,445.92	
February	17,814.87	
March	16,406.59	
April	17,837.22	
May	16,778.50	
June	16,554.20	
July	2,975.43	
August	3,606.42	
September	18,460.37	
October	18,823.02	
November	17,705.67	
Total for year		$185,432.12
Total receipts		184,843.63
Overdraft		588.49

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COST PER PUPIL BASED ON AVERAGE MEMBERSHIP.

	Cost based on total expenses	Cost based on teaching only	
High School	$66.012	$43.525	
		Grammar and Primary	Kindergarten
Appleton Street	27.21	20.216	
Bridge Street	24.068	14.231	
Elm Street	26.679	20.241	28.446
Elmwood,	26.386	19.291	25.788
Ewingville	28.23	21.097	
Hamilton Street	20.245	14.196	27.53
Highland	30.431	23.414	30.023
Ingleside	24.072	19.99	
Morgan	26.726	20.328	
Nonotuck Street	32.186	23.821	
North Chestnut	26.898	22.568	28.969
Park Street	24.395	18.656	
South Chestnut Street	22.888	16.465	22.832
Springdale	32.208	23.406	30.696
West Street	28.76	24.162	32.285
West Holyoke	35.822	30.716	
Evening Schools:			
High	18.025	15.333	
Appleton Street	10.284	7.056	
Hamilton Street	6.497	5.025	
North Chestnut	5.619	4.58	
Springdale	22.00	10.00	
West Street	8.782	6.872	

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EXPENDITURES FOR SEVERAL YEARS COMPARED.

	1904	1905	1906	1907
Salaries of day teachers and superintendent	$124,728.67	$129,401.38	$133,699.54	$141,654.05
Kindergarten teachers	6,729.75	6,923.94	7,710.33	7,833 27
Evening elementary schools	2,680.50	2,466.25	2,209.75	2,638.00
Evening grammar school	756.50	531.00	676.75	719.75
Evening high school	870.00	1,872.25	1,752.50	2,039.25
Truant officers	1,900.00	2,100.00	2,700.00	2,791.66
Janitors	14,363.51	15,651.64	15,369.51	2,971.19
Clerks	1,450.00	1,450.00	2,050.00	2,083.33
County truant school	779.99	624.57	303.41	253.42
Text books	2,459.60	2,881.43	4,825.66	5,454.41
Educational supplies	6,607.89	4,333.85	7,224.39	8,521.36
Printing and advertising	541.18	567.56	829.79	1,175.03
Furniture	1,971.74	2,245.58	2,119.18	2,055.45
Building supplies	1,102.48	840.21	1,106.89	191.12
Telephones		367.85	318.35	339.01
Livery	120.50	117.50	83.50	136.00
Transportation	480.40	467.00	574.50	622.50
Freight, express and cartage	288.62	264.28	266.47	276.14
Rentals	570.00	1,580.00	2,556.00	1,608.00
Laundry	172.18	175.24	181.81	196.98
Miscellaneous and contingent,	1,133.90	1,512.40	2,275.65	1,872.20
	$169,707.41	$176,373.93	$188,833.98	$185,432.12

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STATISTICS OF ATTENDANCE.

SCHOOL.	Number of School Rooms.	Number of Teachers.	Number of Pupils Enrolled	Average Number Belonging.	Average Number of Pupils to a Room.	Average Daily Attendance.	Per Cent. of Attendance.	Number of Days of Truancy.
High	18	29	711	655.1	36	625.7	95.5	8
Appleton Street	10	10	451	415.1	41.5	389.1	93.7	43
Bridge Street	4	4	152	120	30	111	92.5	35.5
Elm Street	10	11	410	350.6	35	308.7	88	28
Elmwood	16	17	665	603.1	37.6	537.6	89.1	7
Ewingville	2	2	87	66.8	33.4	61.4	91.4	
Hamilton Street	14	15	653	545.4	38.9	496.3	90.9	34
Highland	15	16	567	497.9	33	444.5	89	5.5
Ingleside	1	1	53	51.9	51.9	47.6	91.6	
Morgan	16	16	669	593.6	37.1	554.5	93	57
Nonotuck Street	7	7	256	212.6	30.3	206.2	96.9	
North Chestnut Street	10	15	571	421	42.1	354	84	114
Park Street	8	8	354	341.1	42.6	313.8	92	5
South Chestnut Street	13	14	587	506.8	38.9	462 8	91	19.5
Springdale	7	8	260	223.5	31.9	207.4	92.7	1
West Street	16	17	659	510.6	31.9	461.6	90.4	82.5
West Holyoke	1	1	37	32	32	29.3	91	
Evening Schools :								No. of Illiterate Minors.
High	8	10	275	133	16.6	100	75	
Grammar	5	6	197	102	20.4	83	81	13
Hamilton Street	7	20	339	199	28.4	170	85	123
No. Chestnut Street	7	15	269	201.5	28.7	181.7	90	109
Springdale	1	1	19	8	8	6	75	3
West Street	6	10	183	92.4	15.4	81	87	9

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NUMBER OF PERSONS EMPLOYED.

There are now on the pay roll (December) the following number of persons:

Superintendent of schools	1	
Clerks	3	
Attendance officers	3	
	—	7
Principals of day schools (large buildings)	13	
High school teacher (not including principal)	28	
Ninth grade teachers	8	
Eighth grade teachers	8	
Seventh grade teachers	12	
Sixth grade teachers	14	
Fifth grade teachers	17	
Fourth grade teachers	18	
Third grade teachers	18	
Second grade teachers	19	
First grade teachers	19	
Ungraded school teachers	2	
Kindergarten teachers	16	
Assistants	10	
Supervisors	4	
Total number of day school teachers		206
Principals of evening schools	5	
Evening high school teachers	10	
Evening grammar school teachers	6	
Evening elementary school teachers	45	
Total number of evening school teachers		66
Total number of persons on pay roll December, 1907		279

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APPOINTMENTS AND CHANGES—DAY SCHOOL TEACHERS.

RESIGNED.

Agnes T. Wilkinson
Dora P. Howes
Florence L. Goddard
Katherine E. Dillon
Rhoda A. Cook
Josephine E. Canavan

APPOINTED.

Rose V. Guilfoil
Bertha M. Palliser
Mabel C. Teahan
Ellen A. Kirkpatrick
Katherine A. O'Connor
M. Ethel McTearnen
Katherine V. Connor
A .Charlotte Leavitt
Charles F. Johnson
Elizabeth Galbraith
Katharine A. Callahan
Maude F. Connor
Evelyn Curley
Mary M. Rohan
Elizabeth M. Shine

TRANSFERRED.

Alice G. Collopy
Mary T. O'Donnell
Mary A. Kennedy
Abbie I. Keough
Katherine E. Leary
Helen M. Burke
Nora E. Doyle
Catherine E. Scully
Catherine C. Conway
Mary C. Shine

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GRADUATING CLASS

HIGH SCHOOL.

Martha Jane Allen
George Henry Allyn
Ralph Henry Armstrong
Marguerite F. Bigelow
Ralph Lorenzo Bosworth
George Winthrop Brainerd
Elizabeth Constance Burke
Augusta Chapin
Raymond Irving Chapin
Antoinette Emma Charest
Leonise Adrianne Charest
George Collingwood
Howard Vincent Connor
Katherine Frances Connor
Leonard Francis Connor
Anna Eulalia Cronin
James Francis Cronin
John Aloysius Cronin
*William Henry Crosby
John Irvine Curley
Cornelius Francis Curran
Anna Augusta Dalton
Marion Jessie Demond
Edna Lena Dickinson
Earl Wilfred Donahue
Daniel Francis Downing
Mary Elizabeth Dooley
Mary R. Dougherty
Eva Dubois
Florence Marcella House
Jerome Taylor Keeney
Edith B. Kellogg
Bertha Alphonsine Laplante
William James Learmonth
Jean Smeaton Lowe
Edward Joseph Lynch
Winifred Agnes Lynch
Olive Lorena Lynds
Septa Frances Lynn
Francis Anthony MacDonnell
Malcolm Everett Mackintosh
Sheila Belle McLane
Ethel Mae Martin
Bernice Ethel Maxfield
Rose Moise
Eva Catherine Moynihan
Minnie Agnes O'Connor
Claire Elizabeth O'Neil
Frank James O'Neill
Olea Alma Perreault
Ernest Cleophas Prevost
Arthur Lister Rae
Fernard Evanturel Richard
Francis Patrick Ryan
Julius Anthony Scheibel
Agnes Gertrude Scully
Myra Day Whitcomb
William Martin Scully

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Violet Anna Ellison
Ruth Farr
Ellen Elizabeth Fitzgerald
Alfred Leon Frechette
Arthur Edmund French
Margaret Alice Flynn
Alexander Andrew Gardiner
James Frederick Gaylord
Myra Celia Gould
Richard Palmer Grieve
Hannah Mary Griffin
Anne Halfpenny
Helen Agnes Hanley
Elvina Kristine A. Hansen
*Sarah Hirsch
Irene Margaret Horrigan
William James Horrigan
George Little Seaton
James Harold Senior
Mary Gertrude Shea
Isabella Skinner
Harland Francis Stuart
Anna Gertrude Sullivan
*Mae Evelyn Sullivan
Margaret Keefe Sullivan
Elwyn Lowell Taber
Arthur Leslie Taylor
Grace Fanny Taylor
Tessie Tucker
Alice Elizabeth Turner
Arthur Henry Vines
Elsie May Winifred Warren
Edmund Sumner Whitten
Blanche Charlotte Wightman

APPLETON STREET SCHOOL.

Carrie Lillian Bashaw
George Arthur Battersby
Farrand Francis Beaudreau
Ruth Evelyn Blanchard
Morey Borlen
Anna Isabel Brown
Francis Edmund L. Buckley
Francis Leo Burke
Esther Clara Burkhardt
George Cope Cameron
Marguerite Gertrude Cayhue
Rosamond Eugenia Celce
Clarence Sze Chow
Cleora Catherine Church
Eloise Adele Corser
Maud Cecelia Kiley
Harold Edward Lewis
Mildred Spooner Manson
Florence Gertrude Mew
William Henry Moody
Nora Moore
Edna Lola Morris
Leah Loretta G. O'Grady
Walter Reginald Osterman
Howard Levi Page
Kathryn Ann Perkins
Helen Grace Phillips
Pauline Marjorie Pomeroy
Earl Charles Popp
Raymond Henry Renardson

*Certificates of Completion.

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John Dennis Courtney
Emmet Paul Crimi
Marguerite Kathryn Curley
Elsie Danner
Violet Agnes Diamond
George Edward Donoghue
William James Donoghue
Lillian Gertrude Doyle
Lillian Elizabeth Farrar
Frank Thomas Fay
Royal George Fresne
Thresa Fuller
Daniel James Griffin
Maurice Lawrence Griffin
Raymond Joseph Guibord
Harold Harvy Hay
Stuart Merriam Hill
William Munro Hooks
John Hunter
James Henry Hyde
Albert Walter Renner
Harriet Kathryn Rifford
Fred Heywood Royce
Lillian Margaret Ryan
Daisy Sarafian
Carolyn Mae Senna
Bridie Cecelia Shea
Irene Margaret Shelley
Rachel Dorothy Sickman
George Lobbin Skilling
Jennie Smethurst
Lida Snider
Olive Lauretta Sullivan
Jane Agatha Swords
Madeline Katherine Tierney
Henry Joseph Trottier
William Whiting, 2d
Philip Francis Whitten
William Francis Wolohan

ELMWOOD SCHOOL.

Vanda Elizabeth Boyer
Priscilla Elizabeth Childs
Mabel Ruth Davis
Mispah Ellen Downie
Pearl Adelaide Ellis
Daniel Ford
Delia Veronica Girard
Jessie Henderson
Stuart Franklin Heinritz
Earl Raymond Heibel
Fannie Hildreth
Evelyn Florence Hopkinson
Andrew Ross Johnston
Hugh Deeneen McLean
Frances Moise
Helen Cecile Morrison
Mabel Elizabeth Moynihan
Roy Granville Newsome
Harriet Perkins
Mae Gertrude Rivett
Margaret Virginia Rooney
William Francis Rooney
Mary Edith Rigali
William Frederick Stache
Charles Clarence Smith
Frederick Edward Smith

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Alice Katherine Keating
Ruth Frances Kennedy
Emma Helen Koehler
Viola Augusta Koegel
Mabel May Laduke
Eleanor Leith Learmonth
Michael Joseph Lyons
Henry Atherton Lee
Inez Mae Mackintosh
Frederick William Marz
James Alexander McCormack
Andrew McCormick
Mott John Scolley
Nellie Veronica Sullivan
Grace Leona Stewart
Eva Irene Thompson
Helena Frances Toepfert
Kathleen Thorpe
Eva Mae Tatro
Edward Charles Tefs
Gordon Prescott Trowbridge
Erna Augusta Wilhelm
Wallie Anna Wolfe
Kate Hardy Whitmore

HIGHLAND SCHOOL.

Ruth Esther Abbott
Carl Churchill Armstrong
William Frederick Bergman
Francis Edward Boardway
William Henry Bond
Mary Cecelia Brennan
George Bronson
Earle Henry Buck
Catherine E. Butterfield
Christine Elizabeth Callahan
Frances Louise Callahan
James Gilbert Cavanaugh
Hugh Clark
Evelyn Esther Connor
Mary Constance Crean
Albert Jules Dube
Ralph Ferris
Mary Agnes Forsythe
James Tierney Gilligan
Raymond Cavanaugh Hafey
Giles Marion Haggerty
Cecilia Marie Mackley
Harold Raymond McMaster
Russel Edgar Martin
Lillian Rose McCuddy
Bessie Eliza McGuines
Earle McMullen
Raymond Joseph McNamara
Francis James McNamara
Mary Lillian Morgan
Elsie Gertrude Murray
Richard John Nugent
Margaret Hyacinth O'Connell
Dorothea Alice Parfitt
Esther Varina Parfitt
Olivine Elizabeth Perrault
Adelaid Cecily Pope
Jean Louis Potwin
Edna May Power
John Scott Roberts
Francis Datus Rock
John Henry Rohan

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Clarence Edwin Hart
Katherine Augusta Hastings
Alfred Whiting Hewitt
Carrie Isabell Hicks
Ruth Harriet Hillman
Edward Joseph Horrigan
Olive Margaret Howes
Agnes Margaret Kane
Henry Cyril Karle
Sarah Simpson Kibbe
Gladys Margaret Keough
Irene Blanche Lavoie
Joseph Lynch
James Charles Ross
Agnes Esther Ryan
Gertrude May Smith
Alice Cornelia Scully
Nettie Towvin
Rachel Illian Treworgy
George Francis Walsh
Edward Welch
Howard Robinson Wheeler
Ethel Rose Williams
Lillian Ruth Williams
Bertha May Wheeler

INGLESIDE SCHOOL.

Arthur Charles Zaumseil

MORGAN SCHOOL.

Mary Josephine Axmann
Marguerite Belle Bangs
Lillian Blanche Benoit
Elizabeth Ida Bretschneider
Eva Lina Champagne
John Joseph Clark
Mary Veronica Connors
Mary Ellen Crimmins
Theresa Agnes Fitzgerald
Elizabeth Olga Foerster
Annie Handyside Goss
Hilda Maude Gardiner
Elsie Nettie Hall
Ruth Margaret Heinritz
Jessie Ruth Henderson
Lillian Holgate
George Arnold Marcotte
Oswald Rodolph Marcotte
Leon Joseph Menard
Alfred Seraphin Mathey
John Joseph Manning
Johanna Cecilia O'Brien
Ora Blanche Perrault
Caroline May Roberts
George August Scheibel
Raymond Aloysius Schirch
Delia Veronica Shine
Albert Francis Standen
Edmund Strong
William Francis Sullivan
Amelia Elizabeth Wagner
Thomas Francis Whalen

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Harris Judelson
Ida Hattie Kelmel
Mary Cecilia Kiely
Edward August Lehman
William Edward Wiesel
Abbie Jarvis Williams
Jennie Marion Williams
William Roger Williams

NORTH CHESTNUT STREET SCHOOL.

Frank Louis Avery
Clara Isabelle Coleman
Raymond Michael Flynn
John Thomas Lynch
Edith Mary Lyons
Charles Edgar Mayette
Mary Frances Moriarty
Annie Imelda McElligott
Frances Genevieve O'Connell
George Wilbert Olin
William Timothy Shea
Edward Charles Smith

WEST STREET SCHOOL.

Armand Arthur Beaudreau
Jeremiah Joseph Brick
Dorila Rose Anna Brodeur
Howard Alexander Casey
Jeremiah Francis Collins
Marie Louise Eugenie Dupont
Marie Stella Agnes Forgette
Patrick Edwin Gear
William Alfred Gervais
Lyle Mary Graham
Marie Gertrude Hickey
Alice Jane Hunter
Katherine Reith Jameson
Almanzor Louis LaFrance
Bertha Blanche Langevin
Juliette Alma Lemieux
Frank Edward Maloney
Charles Frances Manning
Mary Anna Martineau
Hugh Morrison
Rose Clara Murphy
Ralph Edward Nugent
Francis Augustine O'Connell
Marietta Pease
Eva Victoria Roberts
Charles Bernard Ryan
Roy Lorenzo Squier
John Edward Sullivan
George Adam Thompson
James Edward Wolfe

WEST HOLYOKE SCHOOL.

Raymond John Bluemer

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EVENING SCHOOL.

MECHANICAL DRAWING.

Arthur Riel
John Sears
Lawrence Tatro
William Moquin
George Keating

BOOKKEEPING.

Laura Boissy
Frances Heffron
Agnes Driscoll

STENOGRAPHY AND TYPEWRITING.

Edward M. Ezold
Gertrude M. McGue

NINTH GRADE.

Arthur Bligh
David A. Burnett
Henry G. Craven
John J. Bresnahan
Eugene L. Gugenberger
Elzear I. Campagna
Timothy J. Moriarty
George J. Sicard
Katherine R. Allen
Anna Mooney
Mary A. Rogers
Mary Sullivan
Mary E. Kennedy
Evelyn C. Hogan
Lena J. Babyok
Helen C. Kelliher
William A. Lamothe
Joseph C. Therrien
Charles M. Becher
Florence M. Lyon
Carolyn F. Shea
Frederick Craven
Charles Kistner
William Miffert
Robert Neil
Emille Willemann
Alice Hickey
Eva R. Perry
Anna A. Smith
Elizabeth G. Doyle
Minnie A. McMahon
Mary G. Moriarty
Margaret R. O'Neil
Frances L. Connor
James J. Brennan
Catherine M. E. Sullivan

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REPORT OF

TRUANT OFFICERS.

To the School Committee of the City of Holyoke.

GENTLEMEN: — We herewith offer to your honorable Board the report of your Truant Officers for the school year ending June 28th, 1907, together with the report of the school census, taken during the months of September and October. Messrs. Thomas Ashe and John Ryan were appointed to take the school census, and they find that there are 10,460 children between the ages of five and 15 in the city.

The following table shows the school census by districts, Sept. 1, 1907, Sept. 1, 1906, and May 1, 1878; the gain in each district in each of these years, also the number attending the public, private and parochial schools; the number at work and the number neither at work nor at school, etc.:

SCHOOL CENSUS PER DISTRICT.

District -	1	2	3	4	5	6	7	8	9	10	Totals
1907 - -	1723	1212	1798	1567	2010	609	1064	44	398	35	10460
1906 - -	1804	1164	1785	1659	2081	585	1046	45	385	31	10585
1878 - -	406	825	252	1340	114	35	105	35	26	25	3163
Gain over 1878	1317	387	1546	227	1896	574	959	9	372	10	7297

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SCHOOLS.	Sept. 1, 1907	Sept. 1, 1906	Gain	Loss
Number attending Public Schools	5139	5536	..	397
" " St. Jerome's School	906	961	.....	55
" " Precious Blood School	1144	1050	94	.....
" " Sacred Heart School	609	700	.....	91
" " Perpetual Help School	526	594	.....	68
" " Rosary Parish School	565	589	.....	24
" " Immaculate Concept'n School	369	144	225	.....
" " Polish School	246	.....	246	.....
" " Mt. St. Vincent School	138	111	27	.....
" " Holy Family Institute	188	209	.....	21
" " Private Kindergarten	2	11	.....	9
" " Other Private Schools	55	44	11	.....
" at work in mills, shops and stores, etc.	326	378	.....	52
" not at work nor at school	165	208	.....	43
" sick or otherwise effected	30	18	12	.....
" minding house	52	32	20	.....
Totals	10460	10585	635	760

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The following table shows the number of children in each district neither at work nor at school between the ages of five and 15 to be 165, 43 less than in 1906.

One hundred and thirty-seven are under the school age (seven years), and are not required by law to attend school; nine over 14 who are not obliged to attend school on account of being over the compulsory age, leaving but 19 children between the ages of seven and 14 years not attending school.

DISTRICTS	Between 5 - 6	Between 6 - 7	Between 7 - 8	Between 8 - 9	Between 9 - 10	Between 10 - 11	Between 11 - 12	Between 12 - 13	Between 13 - 14	Between 14 - 15	Total 1907	Total 1906
1	5	.....	1	1	1	.....	.....	.....	1	.....	9	28
2	34	5	2	.....	.....	.....	1	.....	1	5	43	37
3	49	5	1	.....	1	.....	.....	.....	2	2	60	66
4	.....	1	.....	.....	1	.....	.....	.....	.....	.....	2	27
5	19	7	1	.....	.....	.....	.....	.....	.....	.....	27	29
6	2	1	.....	.....	.....	.....	.....	.....	.....	.....	3	5
7	2	.....	.....	.....	.....	1	.....	1	1	1	6	10
8	1	2	.....	.....	.....	.....	.....	.....	.....	.....	3	1
9	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2
10	1	.....	.....	.....	.....	1	1	.....		1	4	3
Total,	116	21	5	1	3	2	2	1	5	9	165	208

The following table shows the number in the mills, shops and stores, also the number minding house, September, 1907, and September, 1906, a loss of 52 over 1906 employed in the mills, shops and stores and 20 more minding house.

Districts	1	2	3	4	5	6	7	8	9	10	1907	1906
Mills, shops and stores	17	92	119	15	68	4	5	3	3		326	378
Minding house	6	9	22	6	4		5				52	32
Total 1907	23	101	141	21	72	4	10	3	3		378	
Total 1906	58	71	121	31	104	11	9	2	3			410

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ABSENTEES REPORTED.

Schools	Sept., 1906	Oct., 1906	Nov., 1906	Dec., 1906	Jan., 1907	Feb., 1907	Mar., 1907	April, 1907	May, 1907	June, 1907	Total
Chestnut Street,	176	72	47	41	96	50	68	67	87	41	745
Appleton Street,	18	34	19	12	7	7	9	18	18	7	149
Elm Street,	7	6	4	2	2	8	10	9	14	4	66
So. Chestnut Street,	22	16	12	18	20	17	27	30	25	14	201
Nonotuck Street,	4	5	8	1	1	2	9	4	1	1	36
Park Street,	36	54	46	58	30	36	24	44	54	17	399
Hamilton Street,	19	20	13	12	14		13	8	16	9	124
Sargeant Street,	15	12	9	12	7	17	9	11	11	11	114
Sacred Heart,	23	7	9	7	2	3		7	7	4	69
Precious Blood,	14	49	33	21	21	32	18	43	18	12	261
Springdale,		2			6						8
South Street,		1	2	1					1		5
St. Jerome,	30	22	9	7	27	10	5	46	44	13	213
West Street,	16	33	19	9	34	21	19	27	32	10	220
Rosary,	4	1		1	1	2	2		3		14
Perpetual Help,	31	30	25	24	30	12	11	15	8	18	204
Bridge,	9	7	2	6	6	5	10	15	10	6	76
Highlands,		1	1			1				3	6
	424	372	258	232	304	223	234	344	349	170	2910

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PARENTS OR GUARDIANS NOTIFIED.

Schools	Sept. 1906	Oct. 1906	Nov. 1906	Dec. 1906	Jan. 1907	Feb. 1907	Mar. 1907	April 1907	May 1907	June 1907	Totals
Chestnut Street	153	69	45	39	93	46	65	63	83	40	696
Appleton Street	18	34	19	12	7	7	9	18	18	7	149
Elm Street	7	6	4	2	2	8	10	9	14	4	66
So. Chestnut Street	19	15	11	18	19	17	23	29	22	14	187
Nonotuck Street	4	5	8	1	1	2	8	4	1	1	35
Park Street	36	48	46	29	57	36	22	43	53	17	387
Hamilton Street	18	19	13	14	12		12	8	16	9	121
Sargeant Street	15	10	9	7	12	16	9	11	11	11	111
Sacred Heart	21	13	9	2	7	3		6	7	2	70
Precious Blood	14	39	33	21	20	29	17	38	17	12	240
Springdale		2		6							8
South Street		1	2		1				1		5
St. Jerome	27	19	9	6	27	10	4	42	40	11	195
West Street	11	28	17	9	30	17	15	24	21	5	177
Rosary	4	1		1	1		2		3		12
Perpetual Help	22	24	20	20	25	11	9	14	7	10	162
Bridge Street	9	6	2		5	3	9	13	9	6	66
Highland		1	1	4		1				1	4
	378	340	248	191	319	206	214	322	323	150	2691

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ABSENT WITHOUT PERMISSION.

Schools	Sept. 1906	Oct. 1906	Nov. 1906	Dec. 1906	Jan. 1907	Feb. 1907	Mar. 1907	Apr. 1907	May 1907	June 1907	Totals
Chestnut Street	5	3	9		2	1	12	4	9	8	53
Appleton Street		2	2	1				4	4	4	17
Elm Street		1	1						1		3
So. Chestnut Street	3	2		1					3		9
Park Street	5	4		2	1		3	2	2	1	20
Hamilton Street	1	2	1	4		1	3	3	2		17
Sargeant Street			1	3					1	2	7
Sacred Heart	2				2			1			5
Precious Blood		9	7	1	1	3	2	6	1	2	32
South Street		1									1
St. Jerome	7	7	3	4	8	3	3	18	18	6	77
West Street	2	1	3			3	1		2	1	13
Rosary	2								2		4
Perpetual Help	4	1	3	2	1		2	1	1	2	17
Bridge	3					1	3	1	2	1	11
	34	33	30	18	15	12	29	40	48	27	286

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RETURNED FROM THE STREETS.

SCHOOLS	Sept. 1906	Oct. 1906	Nov. 1906	Dec. 1906	Jan. 1907	Feb. 1907	Mar. 1907	April 1907	May 1907	June 1907	Totals
St. Jerome's	1		2			7		2	3	2	17
Rosary									1		1
Bridge			1								1
No. Chestnut				4			2		4	3	13
Appleton	2	1				1					4
Elm	1										1
So. Chestnut		1									1
Highland		1									1
Precious Blood							1				1
Park			1								1
	4	3	4	4		8	3	2	8	5	41

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TRUANTS AND TRUANCIES.

From North Chestnut Street school there were 23 truants and 53 truancies.

From Appleton Street School there were 5 truants and 17 truancies.

From Elm Street school there were 2 truants and 3 truancies.

From South Chestnut Street school there were 5 truants and 9 truancies.

From Park Street school there were 17 truants and 20 truancies.

From Hamilton Street school there were 14 truants and 17 truancies.

From Sargeant Street school there were 3 truants and 7 truancies.

From Sacred Heart school there were 4 truants and 5 truancies.

From Precious Blood school there were 16 truants and 32 truancies.

From South Street School there was 1 truant and 1 truancy.

From St. Jerome school there were 40 truants and 77 truancies.

From West Street school there were 10 truants and 13 truancies.

From Rosary school there were 2 truants and 4 truancies.

From Perpetual Help school there were 14 truants and 17 truancies.

From Bridge Street school there were 8 truants and 11 truancies.

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TABLE OF AGGREGATES.

Months	Absentees Reported	Parents or Guardians Notified	Absent Without Permission	Returned to School	Summonses Served	Probated	Discharged	Commitals
September, 1906,	424	378	34	4	3	3	3	
October, 1906,	372	340	33	3				
November, 1906,	258	248	30	4				
December, 1906,	232	191	18	4				
January, 1907,	304	319	15					
February, 1907,	223	206	12	8				
March, 1907,	234	214	29	3	3	2	2	1
April, 1907,	344	322	40	2				
May, 1907,	349	323	48	8				
June, 1907,	170	150	27	5	2	1	1	1
Totals	2910	2691	286	41	8	6	6	2

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Following the splendid record made during the school year of 1906, when truancy in our schools was reduced nearly 50 percent over the preceding year, we again call your attention to the fact that during the present school year of 1907, truancy has been reduced nearly 12 per cent over that of 1906.

We have at the truant school at the present time six boys.

We have issued to minors between 14 and 16 years of age 899 certificates from Dec. 1, 1906, to Dec. 1, 1907. We have issued several hundred certificates to minors between the ages of 16 and 21, certifying that they could read and write simple sentences in the English language.

Thanking you, gentlemen of the School Board, Superintendent and teachers, for your kind assistance in the discharge of our duties,

Yours respectfully,

T. W. DOYLE.
EDOUARD CADIEUX.
THOMAS E. GALLAGHER.

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REPORT OF
BOARD OF HEALTH

To the Honorable, the Mayor and Board of Aldermen of the City of Holyoke.

GENTLEMEN:—The Board of Health respectfully submit the following report for the year ending November 30, 1907:

ORGANIZATION.

The Board met February 4, 1907, and elected the following officers:

A. B. Wetherell, M. D., Chairman.
F. A. Woods, M. D., Secretary.
J. J. Linehan, Health Officer.
H. C. Emerson, M. D., Bacteriologist.

March 30, 1907, J. J. Linehan resigned as member of the Board of Health and Health Officer. April 2, 1907, J. Sidney Wright was appointed a member of the Board of Health and May 9, 1907, was appointed Health Officer.

Regular monthly meetings have been held each month and special meetings as needed during the year.

UNDERTAKERS.

Fourteen (14) licenses have been granted to engage in this business during the year.

SAUSAGE MANUFACTURE.

Seven (7) licenses have been granted for the manufacture of sausage and prepared meat.

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BARBER SHOPS.

There have been several inspections made of the fifty-two (52) barber shops in the city. With few exceptions all have been found in satisfactory condition.

ANIMALS INSPECTED.

During the months of October and November, a general inspection of all neat cattle and swine was made as ordered by the State Statute. Six hundred and eleven (611) cattle and one hundred and twenty (120) swine were examined. Five cattle were condemned as suffering from tuberculosis. During the year about thirty thousand pounds of beef and fifty-three (53) swine were stamped. Five (5) carcasses of beef and sixteen (16) carcasses of calves were condemned after slaughtering.

PUBLIC COMFORT STATIONS.

We respectfully call the attention of your honorable Board to the imperative need of public comfort stations. Such stations should be installed in various parts of our city.

PLAY GROUNDS.

The health of the children and the future welfare of our fast growing city demands action on the part of the city government to provide playgrounds while desirable locations are available at reasonable prices .

TUBERCULOSIS.

The Board of Health are pleased that this vital subject has been taken up through the kindly interest of some of our citizens; and we trust a great deal of good may be accomplished, not only in relieving those who are sick, but in spreading such information and suggestions as will in time, if heeded, make this disease as rare as is small pox. The

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best informed authorities agree that it is possible to practically stamp it out.

We endorse heartily all that is being done and will be pleased to aid in disinfecting dwellings or rooms which have been occupied by persons ill with this disease.

KEEPING OF PIGS.

There has been a tendency on the part of a few to keep pigs on their premises without obtaining permission to do so. These have at various times been a great nuisance to those living in the immediate neighborhood and complaints have reached this Board regarding this nuisance. It does not seem to be understood that permisson from this Board must first be obtained before pigs can be kept in the thickly settled parts of the city, and under no conditions will such permission be given where there is any possibility of a nuisance to the neighborhood being established.

INSPECTION OF BAKERIES.

The various bakeries in the city have been visited and most of them were found to be in anything but a sanitary condition. Lack of cleanliness was observed in nearly every case both as regards the rooms and the utensils which were in use.

Strict orders were given to put these places in a proper sanitary condition and to effect a thorough cleaning, which in most cases has been complied with. Two bakeries were closed by order of the Board during the year.

GARBAGE.

This Board finds that the time has arrived when those who collect garbage should be licensed and be made to have the proper equipment necessary for this kind of work. The present way of collecting garbage in barrels covered with old pieces of carpeting or sacking or in wagons with loose fit-

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ting covers, is very unsatisfactory in every way and not at all pleasant for those who meet these vehicles on the street. With a properly constructed wagon this work can be engaged in without being offensive to any one.

MEDICAL INSPECTION OF SCHOOLS.

Under authority of Chapter 502 of the Acts of 1906, entitled "An act relative to the appointment of school physicians", an appropriation was made by your honorable Board with the approval of his honor, the Mayor, to begin this important work. As soon as the appropriation was available this Board appointed six physicians at a salary of $150 per year to perform the duties required by the Statute.

Each physician visits the schools under his care during the first and third weeks of each month and examines all children who are referred to him by the principal or teachers.

Bi-monthly reports are made to this Board by each physician, of all inspections made.

DISEASES DANGEROUS TO PUBLIC HEALTH.

This Board has adjudged that the diseases known as small pox, scarlet fever, diphtheria, membranous croup, typhus fever, typhoid fever, chicken pox, pulmonary tuberculosis, cerebro-spinal meningitis, measles and cholera are infectious and contagious and dangerous to the public health and safety within the meaning of the Statutes.

Physicians are required to report immediately to this Board every case of either of these diseases, and postal cards printed and addressed are supplied to them for the purpose.

DIPHTHERIA.

Diphtheria has been very prevalent here for the past few months and some cases have been very severe. The

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majority of the cases, however, have yielded to treatment and it is undoubtedly a fact that had all the cases been seen by a physician at the beginning of the disease, there would not have been as many deaths to report. There is no doubt but that the tendency on the part of some to pay no attention to a commencing sore throat to neglect to call in medical aid when they should have done so, and go about among the people, as is the usual custom, have been sufficient causes to spread this disease and to continue it indefinitely.

QUARANTINE REGULATIONS.

If the public at large would assist the Board of Health in enforcing and complying with the rules of quarantine, good results would follow and any contagious disease, restricted to the locality in which it is found.

It is almost impossible for any Board to keep a close watch all of the tme on each individual case, and to see that strict compliance with the rules is observed. If those who know that the law is not being observed would assist this Board by coming forward and testifying, prosecutions would immediately follow and good results thereby be obtained, and undoubtedly the progress of the contagious diseases would be checked.

TABLE A.

Showing the comparative number of deaths, still-births and death rates for the years 1890-1907, inlcusive.

	Deaths	Still-births	Total	Death rate
1890	739	37	766	21.00
1891	674	39	713	19.00
1892	914	48	962	23.00
1893	759	52	811	21.29
1894	742	43	785	20.22
1895	766	57	823	18.99
1896	761	58	819	18.87

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	Deaths	Still-births	Total	Death rate
1897	842	60	902	19.06
1898	778	55	833	17.59
1899	701	63	764	15.58
1900	971	82	1053	21.24
1901	876	52	928	19.16
1902	766	78	844	15.93
1903	814	54	868	16.51
1904	858	64	922	16.97
1905	806	95	901	16.14
1906	874	69	943	16.90
1907	1052	95	1147	20.48

TABLE B.

Showing deaths and still-births during year.

	Deaths	Still-births	Total
December	84	5	89
January	101	8	109
February	72	8	80
March	81	13	94
April	98	7	105
May	86	4	90
June	83	7	90
July	86	7	93
August	101	7	108
September	87	6	93
October	79	7	86
November	94	16	110
Total	1052	95	1147

TABLE C.

Showing sex of deaths and still-births during 1907.

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	Deaths		Still-births		
	Males	Female	Males	Females	Total
December	44	40	4	1	89
January	48	53	4	4	109
February	29	43	6	2	80
March	41	40	8	5	94
April	52	46	4	3	105
May	50	36	3	1	90
June	44	39	5	2	90
July	40	46	3	4	93
August	60	41	5	2	108
September	47	40	4	2	93
October	45	34	3	4	86
November	47	47	11	5	110
Total	547	505	60	35	1147

TABLE D.

Showing deaths by sex and age.

	Males	Females	Tota
Under 1 year	175	150	325
From 1 to 2	35	19	54
From 2 to 3	18	22	40
From 3 to 4	11	9	20
From 4 to 5	6	10	16
From 5 to 10	21	9	30
From 10 to 15	8	5	13
From 15 to 20	11	13	24
From 20 to 30	34	40	74
From 30 to 40	50	36	86
From 40 to 50	51	43	94
From 50 to 60	36	46	82
From 60 to 70	50	41	91
From 70 to 80	25	33	58
Over 80	16	29	45
Total	547	505	1052

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TABLE E.

Showing the number of deaths occurring at the various ages, during each month.

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Total
Under 1 yr.	23	37	19	26	27	25	17	39	40	35	15	22	—325
From 1 to 2	4	1	3	6	4	5	3	4	5	8	6	5	— 54
From 2 to 3	1	1	2	2	6	5	3	3	5	4	2	6	— 40
From 3 to 4	2	2	1	1	....	2	1	....	4	1	4	2	— 20
From 4 to 5	1	....	....	4	2	2	....	2	2	1	1	1	— 16
From 5 to 10	1	....	....	2	5	3	3	2	7	1	1	5	— 30
From 10 to 15	1	....	3	....	1	....	2	2	1	1	2	....	— 13
From 15 to 20	....	2	....	1	3	2	3	2	3	4	4	....	— 24
From 20 to 30	4	10	6	6	9	4	9	4	7	1	9	5	— 74
From 30 to 40	11	7	9	6	11	6	11	2	3	4	7	9	— 86
From 40 to 50	9	12	8	9	8	3	9	5	8	8	8	7	— 94
From 50 to 60	7	9	7	5	7	10	5	4	6	7	5	10	— 82
From 60 to 70	12	8	6	8	3	9	8	11	3	7	7	9	— 91
From 70 to 80	5	7	6	2	9	5	3	4	3	5	2	7	— 58
Over 80	3	5	2	3	3	5	6	2	4	....	6	6	— 45
Total	84	101	72	81	98	86	83	86	101	87	79	94	1052

TABLE F.

Showing the number of deaths from each of the following causes, occurring in the city during the year 1907.

GENERAL.

Diphtheria	25	Tuber. of intestines	1
Scarlet fever	14	Tuber. meningitis	2
Measles	2	Tuber. of peritonium	3
Typhoid fever	4	Cancer of rectum	2
Cerebro-sp. meningitis	4	" " uterus	7
Membranous croup	5	" " liver	8
Septicaemia	9	" " breast	4
Parotitis	1	" " stomach	6
Rheumatism	2	" " prostate	1
Pernicious anaemia	1	" " omentum	1
Syphilis	1	" " mouth	2
Erysipelas	1	" " oesophagus	1
Rachitis	1	Sarcoma of face	1
Tuberculosis pulmonary	87	Pemphigus veg.	1
Tuber. laryngitis	3		
Total			200

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NERVOUS DISEASES.

Alcoholism	6	Paresis	2
Meningitis	33	Myelitis	2
Septic meningitis	1	Cerebral embolism	4
Apoplexy	37	Cerebral congestion	2
Infantile convulsions	8	Spina bifida	2
Hemiplegia	7	Locomotor ataxia	1
Paralysis N. S.	2	Hdrocephalus	1
Infantile paralysis	1	Graves's disease	1
Dementia	1	Multiple sclerosis of cord	1
Delirium tremens	1	Ataxic paraplegia	1
Epilepsy	3	Paral. Pneumo Gas. Nerve	1
Total			118

URINARY DISEASES.

Acute nephritis	10	Cystitis	2
Chr. Parenchymatous Neph	9	Abscess of kidney	1
Chr. interstitial Neph.	28	Diabetes	4
Uraemia	7	Pyeo-nephritis	2
Total			63

DIGESTIVE DISEASES.

Marasmus	60	Intestinal obstruction	3
Mal nutrition	19	Peritonitis	4
Acute indigestion	1	Appendicitis	4
Gastritis acute	5	Cirrhosis of liver	9
Gastro-enteritis	37	Amyloid degen. of liver	1
Enteritis	17	Yellow atrophy of liver	1
Entero-colitis	3	Icterus neonatorum	1
Ileo-colitis	1	Jaundice	1
Cholera infantum	38	Strangulated hernia	6
Gastric ulcer	1	Choleocystitis	2
Dysentery	1	Hepatitis	2
Total			217

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CIRCULATORY DISEASES.

Heart disease, not stated	22	Pericarditis	2
Fatty degen. of heart	5	Cardiac embolism	1
Valvular disease of heart	4	Cardiac paralysis	1
Dilation of heart	1	Addison's disease	1
Mitral regurgitation	5	Myo-carditis	3
Mitral insufficiency	6	Angina pectoris	4
Aortic stenosis	1	Septic phlebitis	1
Aortic regurgitation	6	Artero sclerosis	4
Endocarditis	4	Gangrene of foot	1
Chronic endocarditis	15	Rupture foramen ovale	2
Septic endocarditis	1	Haemophilia	1
Ulcerative endocarditis	1	Leucocythemia	1

Total 93

RESPIRATORY DISEASES.

Pulmonary abscess	1	Bronchitis capillary	8
Pulmonary congestion	7	Bronchiectasis	1
Pulmonary oedema	1	Oedema of glottis	3
Pulmonary embolism	2	Influenza	7
Pulmonary haemorrhage	2	Acute laryngitis	1
Pneumonia croups	104	Whooping cough	3
Pneumonia broncho	59	Pleurisy	6
Bronchitis acute	11	Hydro-thorax	1
Bronchitis chronic	12	Croup	2

Total 231

GENERATIVE DISEASES.

Complicated labor	1	Uterine cyst	1
Puerperal septicaemia	4	Ovarian cyst	1
Abortion	1	Extra uterine pregnancy.	1
Salpingitis	1	Placenta previa	2

Total 12

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VIOLENT CAUSES.

Shock, surgical	3	Abdominal haemorrhage	1
Suicide by poison	1	Fracture of skull	7
Suicide by shooting	1	Fracture of neck	3
Suicide by drowning	1	Fracture of spine	1
Suicide by cutting throat	2	Fracture of femur	1
Burns	8	Accidental drowning	11
Suffocation, accidental	1	Crushed by train	2
Homicide	1	Accid. strychnine poison'g	1
Asphyxiation by illum gas	3	Accid. morphine poison'g	1

Total 49

UNCLASSIFIED.

Premature birth	37	Infantile asthenia	9
Congenital causes	12	Senile asthenia	11

Total 69

Total deaths from all causes.....1052

TABLE G.

Showing the deaths occurring in each ward in the city and the various institutions.

Ward 1	139	
Ward 2	171	
Ward 3	96	
Ward 4	182	
Ward 5	53	
Ward 6	92	
Ward 7	66	
		799
City Hospital	52	
House of Providence Hospital	70	
Harkins Home	10	
Almshouse	50	

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Brightside Institution	69	
Mt. St. Vincent Institution	2	
		253
Total		1052
Non-residents		100

TABLE H.

Showing the nativity of those dying in the city during the year 1907:

Holyoke	438	Scotland	22
Massachusetts	139	Greece	1
Other States	97	Poland	6
		Austria	9
Total, United States	674	Italy	3
Ireland	161	New Brunswick	2
Germany	16	Switzerland	1
England	26	Sweden	1
Canada	122	Wales	1
Russia	4	Unknown	3
Total			1052

TABLE K.

Showing the interment of those dying in the city and those brought here for burial during 1907. (Still-births included).

Calvary	131	Brightside	1
Elmwood	12	West Holyoke	—
Forestdale	211	South Hadley Falls	429
St. Jerome	240	Out of town (otherwise)	189

Local burials	530
Brought to Holyoke for burial	81
Sent from Holyoke for burial	617
Total number of burial permits issued	1221

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TABLE L.

Showing the contagious diseases as reported by months.

	Diphteria	Memb. Croup	Measles	Scar. Fever	Typh. Fever	Cerebro Sp. Meng.	Small Pox	Total
Dec.	8	2	—	7	2		—	19
Jan.	4	—	7	13	6	—	—	30
Feb.	6	—	46	8	—	—	—	60
Mar.	9	1	288	15	1	—	—	314
April	20	2	106	10	1	2	—	141
May	14	—	66	11	—	—	—	91
June	14	—	30	11	1	1	—	57
July	14	—	5	20	—	—	—	39
Aug.	27	—	3	15	—	—	—	45
Sept.	27	—	2	21	—	—	—	50
Oct.	47	1	—	21	4	—	—	73
Nov.	34	2	1	22	—	1	—	60
Total	224	8	554	174	15	4	—	979

TABLE M.

Showing contagious diseases by wards.

	1	2	3	4	5	6	7	Total
Diphtheria	57	27	23	48	18	42	9	224
Memb. croup	1	4	1	1	—	—	1	8
Measles	49	23	92	6-	93	80	156	554
Scarlet fever	9	10	31	57	16	27	24	174
Typhoid fever	2	1	2	—	8	2	—	15
Cer.-sp. meng.	1	—	—	1	2	—	—	4
Total	119	65	149	168	137	151	190	979

TABLE N.

Presenting the deaths from contagious diseases during 1907.

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	Diphtheria	Memb. Croup	Measles	Scarlet Fever	Typh. Fever	Cerebro Sp. Meng.	Small Pox	Total
December	—	1	—	—	1	—	—	2
January	—	—	—	—	1	—	—	1
February	—	—	—	—	—	—	—	—
March	1	1	—	—	—	—	—	2
April	4	1	—	—	—	2	—	7
May	3	—	2	—	—	—	—	5
June	1	—	—	—	1	1	—	3
July	—	—	2	4	—	—	—	6
August	6	—	—	1	—	—	—	7
September	1	—	—	2	—	—	—	3
October	6	—	—	1	1	—	—	8
November	2	2	—	5	—	—	—	9
	—	—	—	—	—	—	—	—
Total	24	5	4	13	4	3	—	53

FINANCIAL STATEMENT.

The following is the financial statement of the Board of Health for the year ending November 30, 1907.

Appropriation	$9,000.00
Additional appropriation	859.21
Receipts	152.92
Balance on hand, 1906	100.00
Total	$10,112.13
Salaries	$6,472 18
Regular monthly bills	2,749.16
Milk department	890.79
Total	$10,112.13

Respectfully submitted.

A .B. WETHERELL, M. D.
FRANK A. WOODS, M. D.
J. SIDNEY WRIGHT.
Board of Health.

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Report of the Health Officer.

To the Board of Health.

GENTLEMEN:—I submit herewith my report from the time of my appointment, April 2, 1907. The past year has been no especial exception to former years in the usual routine of labor and care devolving upon the Health Departmen. The increasing growth of the city must and does add to the duties and expense of the Department.

The following is a summary of the inspections made, and those in answer to complaints, all of which have received the needed attention during the year of 1907.

Number of complaints investigated	215
Number of tenements inspected	245
Number of tenements ordered cleaned	35
Number of cellars inspected	124
Number of cellars ordered cleaned	41
Number of yards inspected	280
Number of yards ordered cleaned	57
Number of ash chutes ordered cleaned	7
Number of stables ordered cleaned	15
Number of markets ordered cleaned	11
Number of fish carts ordered cleaned	5
Number of cesspools ordered cleaned	9
Number of privy vaults ordered cleaned	7
Number of cellars, hens ordered removed from	11
Number of cellars, pigeons ordered removed from	5
Number of cellars, pigs ordered removed from	7
Number of cellars, water ordered cleaned from	12
Number of swill cans ordered cleaned	23
Number of premises ordered vacated	5
Number of mattresses destroyed	42

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Number of bakeries inspected	27
Number of bakeries ordered cleaned	23
Number of barber shops inspected	57
Number of barber shops ordered cleaned	9
Number of slaughter houses inspected	1
Number of slaughter houses ordered cleaned	1
Number of notices served	27
Number of peddlers' places investigated	110
Number of dead animals removed:	
Dogs	23
Cats	15
Horses	3

FRUIT.

Very lttle fruit has come under my observation that was not saleable. The following was condemned and destroyed:

Two (2) crates strawberries.
One (1) crate oranges.
Two (2) crates lemons.
Two (2) barrels apples.
Two (2) bushels pears.
Two (2) bushels tomatoes.
Five (5) bunches bananas.

MEAT.

Inspections have frequently been made at the various wholesale and retail shops, and the conditions have been fairly satisfactory. During the year seven veals and two hogs were condemned as being unfit for food. I would recommend that an inspector be appointed to devote his whole time to this branch of the work.

CONTAGIOUS AND INFECTIOUS DISEASES.

This branch of the work of this Department has required and been given good and careful attention. This

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work is of such a nature that it has required and taken the entire time of an inspector to attend to and care for each case reported, including placarding and obtaining a history of each case, together with the removal of the notification cards, the cleaning and fumigating of premises after the recovery or death of the patients.

Number of houses fumigated	364
Number of rooms fumigated	728
Number of school rooms fumigated	8
Number of cards posted	907

ICE CREAM.

During the year 63 visits were made to places where ice cream was made and sold. The places where the ice cream was made for the street vendors were not, in my opinion, clean, and no precautions were taken in regard to sanitary conditions. These goods are mostly sold to children. I would suggest that all street vendors of ice cream be licensed, as by this means it would be possible to control the conditions under which the goods are made and handled. The other places visited, with these exceptions, were mostly in a good condition and the minor suggestions made were promptly complied with.

Respectfully submitted,

J. SIDNEY WRIGHT,

Health Officer

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Report of the Inspector of Plumbing.

To the Board of Health.

GENTLEMEN:— As Inspector of Plumbing, I have the honor of submitting the fourteenth annual report for the fiscal year ending November 30, 1907.

The following table will show to some extent the amount and nature of the work:

Water closets put in new buildings	270
Sinks put in new buildings	249
Baths put in new buildings	225
Bowls put in new buildings	251
Wash trays put in new buildings	212
Urinals put in new buildings	28
Traps put in new buildings	718
Water closets put in old buildings	119
Sinks put in old buildings	69
Baths put in old buildings	67
Bowls put in old buildings	81
Wash trays put in old buildings	14
Urinals put in old buildings	17
Traps	244
Number of permits granted	453
Water tests made	359
Inspection of old and new plumbing	2,936
Legal notices served to abate nuisances	0

All cases have complied with the requirements of the Board.

The decrease in the amount of new work during the year has enabled your inspector to complete the Department

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work left over from last year. This fact may be appreciated, as hundreds of inspections were made the last twelve months for plans filed the prevous fiscal year.

An unusual number of calls for imperfect plumbing and nuisances pertaining to same have been made, and as nuisances have been abated by verbal notice, no records have been made. This branch of the Department work seems to meet with great approval from the general public and the results are most satisfactory.

The sanitary condition of the men's and women's lock-up as regards plumbing and ventilation should receive the attention of the proper authorities, and the brick sewers in the basement of the city hall should be removed and proper plumbing installed.

As the Revised Laws of the State of Massachusetts state that "No person, firm or corporation shall engage in or work at the business of plumbing, either as a master or employing plumber or as a journeyman plumber, unless he or it has received a license or certificate therefor in accordance with the provisions of this Chapter," it would seem consistent with said law for the Board to pass rules to the effect that no person, firm or corporation should advertise as a plumber either by having a plumber's sign at a place of business or otherwse, until said person, firm or corporation have complied with the requirements of the law. In the opinion of the writer, this would have a tendency to remedy existing conditions and simplify the methods of detecton and supervision of unlicensed persons doing plumbing.

It would seem advisable that plans for all sewers from the building line to house should be filed at the office of the Board of Health and permits granted before work is commenced. These sewers should be laid by plumbers or licensed drain-layers, and in all cases be inspected before being filled in. The need of this is imperative and immediate action should be taken. The amending of that section in

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the Rules and Regulations of the Board of Health is, therefore, presented for consideration.

During the year it has at times been impossible or extremely difficult for your Inspector to give the necessary time to the office during the hour from 1 to 2 P. M. I find that many people desiring the services of this Department request that call be made at this hour so they may be there in person, thereby receiving a more intelligent and comprehensive report of existing conditions. During busy times the value of the hour may be appreciated on new as well as old work. It would, therefore, seem advisable to make the official office hours of the Inspector from 8 to 9 A. M. only. This has been found necessary in most cities of our size and is general throughout the state.

The recommendatons of former years regarding house to house inspecton and the sanitary conditions of Hillside Hospital are again presented for consideration.

In conclusion I desire to thank the members of the Board for their courtesy and co-operation.

Respectfully submitted,
F. L. AVERY,
Inspector of Plumbing.

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Report of the Board of Plumbing Examiners.

To the Board of Health.

GENTLEMEN:—The report of the Board of Plumbing Examiners for the fiscal year ending November 30, 1907, is hereby respectfully submitted:

Number of applications for master plumbers' examinations	1
Number of applications for journeyman plumbers' examinations	4
Number of applicants recommended to the Board of Health as qualified to receive a journeyman plumber's license	4
Number of applicants recommended to the Board of Health as qualified to receive an employing plumber's license	-
Number of applicants recommended to the Board of Health as qualified to receive a master plumber's license	1

Respectfully submitted,

A. B. WETHERELL, M. D.
JAMES L. TIGHE, City Engineer.
MARTIN F. BOWE, Practical Plumber.

Attest: Secretary.

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Report of the Inspector of Milk, Vinegar and Petroleum.

To the Honorable, the Mayor, and Board of Aldermen.

GENTLEMEN:—I have the honor to submit the following report as Inspector of Milk, Vinegar and Petroleum for the City of Holyoke for the year ending November 30, 1907.

MILK.

Total number of licenses granted	214
Total number granted to peddlers	113
Number granted to stores and stands	83
Number granted for sale of oleomargarine	18
I have paid into the city treasury as fees received	$107.66
Money received for distilled water	$7.40
Number of quarts of sweet milk sold in the city daily is	21,220
Number of quarts of skimmed milk sold daily is	1,960
Number of quarts of cream sold daily is	600

Making the total number of quarts of sweet milk 7,745,400, of skimmed milk 715,400, and of cream 219,000, sold in the past year, which at the retail value of milk and cream as sold in this city amounts to $808,628.

Number of milk samples tested	2,177
Number of butter samples tested	4
Number of vinegar samples tested	97
Number of kerosene oil samples tested	73
Number of warnings sent, milk	42
Stores and stands inspected	231
Farms and dairies inspected	153

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The quality of milk furnished by the peddlers and dealers of this city is very good as is shown by having to send but 42 warnngs for having milk below the standard from 2,177 samples tested. There were no prosecutions.

The carts and other vehicles, with the exception of some carrying old and rusty cans, were in good condition in most cases.

The carrying of swill and other objectionable things has been stopped. Have found no wooden plugs this year.

The way milk is handled in most of the stores and markets is not as it should be. Milk in cans should be kept in a place by itself, with the cover on and the measure and mixer kept perfectly clean.

During November and December, 1906, I went with Dr. Rose of the State Board of Health to all the farms and dairies that supply the milk that is consumed in this city and about 150 places were visited; of these, 132 received notice from the State Board of Health to make certain changes and improvements in their barns, dairies, care of cows, method of handlng the milk, etc. Those that I have been to since have for the most part complied with the recommendations of the Board.

The barns and premises in a few cases were positively filthy and unsanitary; their continuing so would have shut them out of this market for their milk. The barns and dairies in Holyoke were found in much better condition than those in other towns. The inspection of the farms and dairies will be continued and all who do not comply with the regulations will have to keep their mlk or dispose of it in some other way. The price of milk has been advanced from 6 to 7 cents the quart, and with reason, with the price of all feed much higher (in some cases double) than it used to be, the almost impossibility to get good help on the farms and the enforcement of the laws relating to the sanitary producing and handling of milk, makes the advance imperative.

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VINEGAR.

I have tested 97 samples of vinegar and only 3 were below the standard, these were brought in by parties who wished to find out if they were right to sell. All were much below the standard, so they were not put on sale.

OLEOMARGARINE.

I have issued 1 peddler's and 17 store licenses for the sale of oleomargarine. The high price of butter the past year has caused a great increase in the use of oleomargarine. Of the 4 samples brought in to me, 3 were oleomargarne and 1 butter.

The State Dairy Bureau has prosecuted several parties here for selling oleomargarine for butter; in each case a fine was imposed.

PETROLEUM.

The 73 tank cars of kerosene oil I have tested have all been above the State standard.

I have had great assistance from the Health Officer and the Board of Health, also my Collector of Samples.

I thank the City Marshal and the patrolmen for the help that they have given me.

Respectfully submitted,
JAMES K. MORRILL,
Inspector of Milk.

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Report of Bacteriologist.

To the Board of Health.

GENTLEMEN:— I have the honor to submit the following report for the year ending November 30, 1907.

In addition to the bacteriological examinations for the presence of diphtheria germs in suspected cases of diphtheria, I have during the past year made examinations of sputum for the presence of the germ of tuberculosis, and also examinations of samples of blood from persons suspected of having typhoid fever. For this new work I have furnished wide-mouth glass cork-stoppered sputum bottles in suitable cases, to be used in collecting samples of sputum. The tests of blood to determine the presence of typhoid fever in suspected cases are made with a drop of blood from the patient. This drop of blood is diluted at the laboratory and is used in conjunction with a drop of a culture of typhoid organisms. For the purpose of obtaining a sample of blood wooden cases are provided containing a clean needle, a wire loop and a glass slide upon which the blood is collected. In addition to notifying the Board of Health every morning of the results of the various tests, postal cards stating the results of the tests have been sent to every physician who had submitted material for examination.

There have been referred to me for examination for diphtheria 338 cases and a total of 586 cultures have been examined.

There are three factors connected with the bacteriological diagnosis of diphtheria that should be emphasized, namely:—

1. Laryngeal cases may not show the organisms in the throat unless the throat is also affected.

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2. In cases that are clinically diphtheria but in which diphtheria germs are not found more than one culture for diagnosis should be obtained,—but the giving of anti-toxin should not be delayed in any suspicious case.

3. Care should be exercised in taking the swab to see that the mouth is free from food and antiseptic applications.

The following tables show the monthly detail work and the results:

TABLE A.

EXAMINATIONS FOR TYPHOID FEVER.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	T't'l
Positive	0	0	0	0	0	0	0	0	0	1	0	1
Negative	0	0	0	2	0	2	1	0	1	0	1	7
Totals	0	0	0	2	0	2	1	0	1	1	1	8

Total examinations for typhoid fever, 8.

TABLE B.

EXAMINATIONS FOR TUBERCULOSIS.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	T't'l
Positive	0	0	0	1	5	3	1	2	1	3	2	18
Negative	1	4	2	2	3	4	5	1	2	5	2	31
Totals	1	4	2	3	8	7	6	3	3	8	4	49

Total examinations for tuberculosis, 49.

TABLE C.

Months	Diagnosis Positive	Diagnosis Negative	Release Positive	Release Negative	Total Cases	Total Cultures
December, 1906,	6	12	0	3	21	38
January, 1907	4	8	0	2	14	19
February,	6	8	0	0	14	21
March	10	8	0	0	18	36
April	17	12	0	0	29	50
May	10	5	0	2	17	35
June	9	14	1	2	26	46
July	14	4	1	1	20	31

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August	19	12	1	0	32	55
September	20	16	1	3	40	65
October	30	21	1	7	59	99
November	25	15	4	4	48	91
	170	135	9	24	338	586

Total cases examined 338
Total cultures examined..... 586
Total number of exminations..... 643

Respectfully submitted,
HERBERT C. EMERSON,
Bacteriologist.

December 5, 1907, Springfield, Mass.

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REPORT OF

BOARD OF ASSESSORS.

To the Honorable, the Mayor, and Board of Aldermen.

GENTLEMEN:—In accordance with the requirements of the existing ordinance, the Board of Assessors respectfully submit the following report for the fiscal year ending December 1st, 1907:

Appropriation		$6,800.00

EXPENDITURES.

Assessors' salaries	$3,700.00	
Assistant assessor's salary	1,000.00	
Clerk	250.00	
Printing street lists, etc.	864.75	
Books, stationery, etc.	93.10	
Looking up records Boston, Springfield, etc.	179.40	
Assistants taking polls	400.25	
Telephone	75.00	
Postage	7.26	
Advertising	50.31	
Team hire	38.50	
Card index system	96.98	
Street car books	30.00	
Miscellaneous	14.45	
		$6,800.00

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TAX WARRANTS.

A State Warrant as fixed by Chapter 562, Acts of 1907, to wit: Four Million Dollars	$50,800.00
A Warrant for the proportion of the City of Holyoke of a County tax, as per Chapter 54, Acts of 1907, to wit: One Hundred Eighty-Four Thousand Two Hundred Dollars	45,530.20
A Warrant in pursuance of the provisions of Sections 107 to 112 both inclusive of Chapter 465 of the Acts of 1905 entitled "An Act relative to the Militia"	3,230.81
A City Warrant for the Taxes of the City of Holyoke for City purposes, as fixed by Section 35, Chapter 12, of the Revised Laws	670,678.00
An Overlay on above amounts	17,031.25
Aggregate of Warrants committed to Board of Assessors	$787,270 26

POLLS.

The Polls recorded for assessment before July 26th, included in the estimate which determined the tax rate for the current year, were	13,228
Under the operation of the Law providing for the supplementary assessment of omitted male persons, determined by the Registrars of Voters to be liable for assessment, under Chapter 11, Section 19 of the Revised Laws,	
Were added to the List	139
Making the number of polls assessed	13,367
A gain over last year of	353

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VALUATION.

The valuation of the City of Holyoke as of May 1st, 1907, determined by the Assessors July 26th of that year, when the rate of taxation was fixed, is as follows:

Value of Land	$15,456.380
Value of Buildings	18,194,860
Total value of Real Estate	$33,651,240

PERSONAL PROPERTY.

Value of personal property other than bank stock	$10,605,310
Value of shares of National banks located in Holyoke and taxable locally	497,230
Total value of Personal Estate	$11,102,540
Total valuation of the City upon which taxes were assessed for the financial year were	$44,753,780

The rate of taxation was made $17.00 per thousand of the valuation of real and personal property, subject to taxation under Chapter 12 of the Revised Laws.

The valuation can be further increased $147,240 for bank stock assessed at the several rates and places where the banks are located, as the taxes are paid to Holyoke as assessment upon this class of property held by its citizens in Massachusetts banks located outside of Holyoke.

The valuation of personal property is further increased in addition to the amount given in the foregoing table, by the value assessed by the Commonwealth upon shares of Massachusetts corporations, including also proportionate part of Street Railway tax, measured as per Section 37, Chapter 14, of the Revised Laws, all of which is the property of the residents of the City of Holyoke, $3,541,950.

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As the revenue from these two sources is always estimated before the amount to be raised by taxation is determined, the effect of valuation on this property in reducing the rate of taxation is really the same as though its amount was included in the Assessors' valuation, and assessed by them.

The increase in valuation over 1906 is as follows:

Real Estate	$1,543,700
Personal Estate	166,280
Total increase	$1,709,980

EXEMPTED PROPERTY.

Property exempt from taxation under Section 5, Chapter 12, of the Revised Laws, is as follows:

United States	$126,540
City of Holyoke	3,050,265
Houses of Religious Worship	883,020
Benevolent and Charitable Societies	520,080
Literary Societies	425,300
Temperance Societies	49,450
Soldiers and Sailors under Chapter 315, Sections 1-2, Acts of 1906	30,700
Total value of exempted property	$5,085,355

VALUATIONS.

Real and Personal Estate by Assessors' general assessment	$44,753,780
Massachusetts Corporation stock (assessed by State) tax paid to the City of Holyoke	3,541,950
Massachusetts National Bank shares (assessed by State) tax paid to the City of Holyoke	147,240
Total tax valuation	$48,442,970

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VALUATION OF EXEMPTED PROPERTY.

Real Estate of the United States	$126,540
City of Holyoke	3,050,265
Benevolent and Charitable Societies	520,080
Houses of Religious Worship	883,020
Literary Societies	445,300
Temperance Societies	49,450
Soldiers and Sailors under Chapter 315, Sections 1-2, Acts of 1906	30,700
Total valuation of exempted property	$5,085,355
Total valuation as of May 1, 1907	$53,528,325

The Assessors on October 19th of the current year assessed the Holyoke Street Railway Company an excise tax of $3,490.36 in accordance with Section 44, Chapter 14, of the Revised Law, and executed and delivered a warrant to Thomas F. McCabe to collect the same in accordance with the above Chapter, rate of levying being $6,778.04 per mile for 19 541-1000 miles or 2 per cent on $174,518.00.

STATISTICS.

Number of property polls	1,735
Number of single polls	11,493
Number of supplementary polls	139
Number of property owners	3,723
Number of horses	1,404
Number of cows	463
Number of neat cattle	117
Number of swine	38
Number of dwellings	4,827
Number of fowl	1,487

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PROPORTION OF TAX RATE.

State, per thousand	$ .91
County, per thousand	.72
City, per thousand	15.37
Total tax rate	$17.00

Respectfully submitted for Board of Assessors,

JOSEPH ST. MARTIN,
Chairman.

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REPORT OF

Sealer of Weights and Measures.

To the Honorable, the Mayor, and Board of Aldermen.

GENTLEMEN:—I have the honor to present to you the second annual report of the Sealer of Weights and Measures Department of the City of Holyoke, for the fiscal year ending November 30th, 1907.

Thanks to the good, persistent work inaugurated by my predecessor, the dealers have seen the wisdom of having their scales and measures adjusted and sealed, according to the requirements of the State laws; to the extent that the work in the department has increased nearly two-fold. Mr. Tetreault and I have handled 26,292 articles in 1907 against 13,780 in 1906.

I feel well satisfied that the work accomplished has been for the best protection of the public. It is the aim of the Department to correct evils where they exist, and see that they continue corrected ,without resorting to sensational or radical means when they can be avoided, and still obtain the desired result; to protect the public from dealers not understanding the law, or unscrupulous in seeing that they give correct weight and measure.

On the whole I am satisfied that the city is now, and can be kept, practically free from former pirates in trade.

In closing this report I wish to thank the city officials, the manufacturers and merchants for the courteous manner in which I have been received by all in the discharge of my duties. A detailed report of the work performed, and inventory of the office equipment is herewith presented.

Respectfully submitted,

JOSEPH D. GODDU,

Sealer.

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	Found Correct.	Adjusted.	Condemned.	Total
Platform scales over 5000 lbs	29	1	1	31
Platform scales under 5000 lbs	418	30	1	449
Butchers' scales	173	22	5	200
Counter scales	557	19	6	582
Spring scales	84	5	6	95
Beam scales	4		1	5
Balance scales	37	11		48
Ice scales	25		9	34
Weights	3407	580		3987
Dry measures	572		29	601
Liquid measures	1622		14	1636
Yard sticks	103			103
Milk jars	3952		343	4295
Baskets			15	15
Ice cream boxes			3514	3514
Measuring machines	3			3
Oil cans	10520			10520
Ice cream cans	114		44	158
Re-weighing coal	16			16
	21636	668	3988	26292

Fees collected and handed over to City Treasurer	$660.38
Fees due the Department Nov. 30, 1907	8.02
Total earned by the Department	$668.40

EQUIPMENT.

One bullion balance.

One Massachusetts standard balance in good condition.

Two sealer trying balances in good condition.

Nickel plated weights (avoirdupois), 1 50-lb., 1 25-lb., 1 20-lb., 1 15-lb., 1 10-lb., 1 5-lb.

Two sets brass weights (avoirdupois), 4 lb. to ⅛ oz., in good condition.

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Square cast-iron weights (avoirdupois), 40-50 lb., in good condition.

Brassweights (avoirdupois), 1 16-lb., 1 8-lb., 1 4-lb., 1 2-lb., 1 1-lb., in good condition.

One kilogram in cherry box.

One steel meter in box.

One brass yard standard in box, in good condition.

One brass yard measure in good condition.

One set Massachusetts standard iron dry measures.

Two sets wooden dry measures, 16-quart to 1-quart.

One set nickel plated liquid measures, 1 gallon to 1 gill, in good condition.

One set brass liquid measures, 1 gallon to 1 gill.

One mahogany box for liquid measures, in good condition.

One upright drill in fair condition.

One kit of tools in good condition

One water-power emery wheel.

One hundred and twenty-five pounds rod lead.

One reading glass.

One handbag in poor condition.

One counter scale in good condition.

One bushel basket.

One cabinet and cards for card system.

Twenty-three rubber stamps.

Fourteen steel dies.

One basket seal in good condition.

One desk.

Five office chairs.

One clock.

Four burning brands.

One hand truck.

Three graduates.

One spring scale in good condition.

One map.

One badge.

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One pencil sharpener.
One typewriter, in good condition.
One weighing stand.
Seven hooks.
Two brass measuring rules.
One typewriter stand.
Two tin dry measures.
One vise.
One hot blast stove.
Two tin funnels.
Books and stationery.

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REPORT OF

CITY SOLICITOR.

To the Honorable, the Mayor of the City of Holyoke.

The report of the Law Department for the year ending December 1, 1907, is respectfully submitted:

City of Everett vs. City of Holyoke.

This was a claim for expenses incurred for care of a small pox patient, for which the City of Holyoke was alleged to be liable, and suit was entered in the Superior Court of Middlesex County for $365.56. There was no doubt of the city's liability, only the amount of the expenses claimed being in dispute. Settlement was effected, without trial, for $300.00 and costs, the total being $322.79.

Thirty or more petitions for damages were heard by the committee on claims, and, on the recommendation of the committee, settlements were effected in the following cases, viz:

Edward Busiere.

Damages to artificial limb by fall upon defective grating. $20 paid.

Emile Foucher.

Personal injury by fall upon sidewalk on Park street, alleged to be defective. $25 paid.

George W. Cook.

Personal injury by a fall upon sidewalk, on Hampden street, alleged to be defective. $50 paid.

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Henry Bogart.

Personal injury by a fall upon sidewalk, on Mosher street, alleged to be defective. $50 paid.

Patrick Bowler.

Personal injury by reason of alleged defect in city department appliances. $50 paid.

Fred Boldway.

Personal injury by a fall upon defective area grating on Mosher street. $100 paid.

James Hanretty.

Personal injury from a fall caused by defective manhole covering on Commercial street. $100 paid.

Daniel Connor.

Personal injury (broken limb) by a fall upon sidewalk, on Lyman street, alleged to be defective. $100 paid.

Mathilda D'Aigle.

Personal injury (sprained wrist) by a fall upon sidewalk, on Cabot street, alleged to be defective. $100 paid.

Mary Keyes.

Personal injury (sprained ankle) by a fall upon sidewalk on Cabot street, alleged to be defective. $100 paid.

Elizabeth Kelliher.

Personal injury by a fall upon sidewalk, on Hampden street, alleged to be defective. $100 paid.

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Mrs. Edward Sullivan.

Personal injury by a fall upon sidewalk on Dwight street, alleged to be defective. $100 paid.

Mary McDónald.

Personal injury by a fall upon sidewalk, on East Dwight street, alleged to be defective. $100 paid.

Edward Sughrue.

Personal injury (broken leg) by a fall upon sidewalk, on Lyman street, alleged to be defective. $175 paid.

James Joyce.

Personal injury by a fall upon sidewalk, on Center street, alleged to be defective. $200 paid.

Frank Kallaugher.

Personal injury by a fall upon sidewalk, on High street, alleged to be defective. $200 paid.

Delia Shea.

Personal injury by falling into a cesspool underneath a sidewalk which suddenly gave way. $500 paid.

Suit was entered by Annie Shea for damages for personal injuries caused by alleged defect in sidewalk on Dwight street. Compromise was effected by payment of $225.00.

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The following actions are pending in the Superior Court of Hampden County:

Bridget Halpin vs. City of Holyoke.

Damages for personal injury caused by a fall upon alleged defective sidewalk on Dwight street.

Oliver Bernard vs. City of Holyoke.

Damages for personal injury caused by a fall upon alleged defective bridge planking on Appleton street.

Catherine M. Wilmot vs. City of Holyoke.

Damages for personal injury caused by a fall upon alleged defective sidewalk on Dwight street.

Henry Belanger, Admr., vs. City of Holyoke.

Two actions, one for damages for death, and one for damages for conscious suffering, of Ora Brinkman, who was killed by the overturning of a wagon upon highway at West Holyoke alleged to be due to lack of proper railing near declivity.

Edward Couture vs. City of Holyoke.

Damages for personal injury caused by overturning of wagon upon highway at West Holyoke, alleged to be due to lack of proper railing near declivity.

Michael J. Moriarty vs. City of Holyoke.

Petition for jury to assess damages to land of petitioner by the relocating and widening of Pleasant street.

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Frances E. Rogers vs. City of Holyoke.

Petition for jury to assess damages to land of petitioner by the relocating and widening of Pleasant street.

I would recommend that there be, at least once a year, an inspection of all sidewalks, area gratings and bridge planking, with written report of defects filed with the Board of Public Works. Neglectful owners of worn or loose area gratings might then be notified to repair the same, and many claims for damages thus avoided.

With due appreciation of courtesy extended by the several departments and officials, the foregoing is submitted.

MICHAEL J. GRIFFIN,
City Solicitor.

Holyoke, Mass., December 1, 1907.

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REPORT OF THE

Sinking Fund Commissioners.

Holyoke, Mass., Nov. 30, 1907.

To the Honorable, the Mayor, and Board of Aldermen.

The Commissioners of the Sinking Fund for the payment of municipal bonds respectfully submit the following report:

Amount of fund reported November 30, 1906		$311,096.20
Received during the year:		
Appropriated by Board of Aldermen	$15,000.00	
From Board of Water Commissioners	22,045.16	
From City Treasurer, Holyoke & Westfield R. R.	13,610.00	
Interest on investments	9,262.37	59,917.53
		$371,013.73
Paid during the year:		
To City Treasurer to meet bonds due June 1	$150,000.00	
To City Treasurer to meet bonds due December 1	16,000.00	166,000.00
Amount of Fund this date		$205,013.73

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Invested as follows:

Municipal bonds	$85,100.00	
Loans on real estate.....	25,300.00	
Cash deposited at interest.....	94,613.73	
		$205,013.73

Respectfully submitted,

C. FAYETTE SMITH,
LEMUEL SEARS,
SAMUEL McQUAID,
Commissioners of Sinking Fund.

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REPORT OF THE

CITY ENGINEER.

To the Honorable, the Mayor, and Board of Aldermen.

GENTLEMEN:—The thirty-fourth annual report of the City Engineering Department ending November 30th, 1907, is herein submitted.

RECEIPTS.

By appropriation	$7,500.00

EXPENDITURES.

Salaries of City Engineer and assistants	$7,100.00
Office supplies	157.68
Printing and binding	84.50
Car fare, horse hire, traveling expenses, etc	120.86
Telephone and telegraph	9 96
Directory, engineering periodicals	12.00
Towel supply, etc.	15.00
	$7,500.00

SEWERS.

The construction of the main trunk of the Pine street storm water system, which was let by contract last year and which was described in the report of this Department for 1906, had been finished in the early part of this year. This main trunk is constructed of reinforced concrete block, and is 39 inches in diameter from Appleton street to Hamp-

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den street, and 54 inches in diameter from Hampden street to the ice house, where it has been connected with the Walnut street outlet, so called. This outlet for the storm water sewer is to be considered only temporary, the plan being to extend the main trunk at some future time from the intersection of Pine and Prospect streets directly to the river.

Because of the grade, the sewer, from the intersection of Pine and Prospect streets in Prospect street to the Walnut street outlet, was designed to be 45 inches only in diameter. The contractor, however, on account of having no forms to make blocks for this size, built it 54 inches in diameter, or the same size as the preceding section in Pine street.

This type of sewer is the first of its kind built in this city, and, although doubts were expressed in the beginning about its strength and durability, such were dispelled as the construction of the sewer progressed. So far as can be judged the sewer is equally as strong and durable, if not more so than a brick sewer of the same diameter. The contract for the construction of the sewer was let to Rivers & Young at $2.02 per running foot for the 39 inch size and $3.00 per running foot for the 54 inch size, including in both cases all manholes which were nine in number.

The excavation, which was on an average 14 feet in depth, and back filling, were done by day labor by the city and brought the total cost of the 39 inch size to $4.84 per running foot and the 54 inch size to $6.90 per running foot.

The improvements made in the sewer system in South Holyoke last year, on the recommendations of this Department, had the desired effect, as, in the two or three phenomenal rain storms we had since then, no complaints whatever about flooded cellars had come from this source.

This only shows what can be done with a limited amount of money wisely and intelligently expended to meet such conditions. In the territory named some blocks and houses which had been troubled for years with flooded cel-

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lars, in not only extraordinary but ordinary storms, had been thoroughly drained at a comparatively small expense.

A like improvement has been made the past year in the vicinity of Elm street and Walnut street between Cabot and Essex streets. In this vicinity there has been trouble for years from flooded cellars in all heavy rain storms. During the past year this trouble seemed to have grown worse, owing, of course, to the greater number of heavy storms we have had, and some relief had to be rendered.

On investigation and after a careful study of all the conditions here, the sewerage system was somewhat overhauled at a cost of $380.85 with the result that flooded cellars will never be heard of again in this vicinity.

The new sewers built during the year, with their locations, alignments, costs, etc., are shown in the following table, as are also shown all the sewers of the Pine street storm water system built to date.

When the Cleary tract, so-called, is sewered, which, it is expected will be done early in the coming season, Holyoke will have a sewerage system unsurpassed in completeness by any city in the whole country.

This statement can only be appreciated when we consider that then there will not be more than twenty-five houses within the city and suburban limits—that is, between the Northampton boundary line on one side and the West Springfield line on the other—that will not be connected with the public sewer, and not more than seventy-five houses withing the boundary lines of the whole territory of Holyoke which covers an area of 16 1-3 square miles.

This, it must be admitted, will be an unique record and will not be surpassed or even equalled by any town or city not only on this continent but throughout the whole world.

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LIST OF SEWERS BUILT IN 1907.

No.	Sewer	Alignment	From	To	Material	Size	Length in Feet	Material Excavated	Depth in Feet	Number of Manholes	Cost Per Foot	System
411	Appleton st		Sycamore st	Dwight st.	Vit. Pipe	10″	734′	Gravel	7	8	$ .97	Walnut st...
412	Cabot st	30 ft. from south line	East line of Elm st.	Alley rear of Elm and Walnut sts.	" "	24″	158′	Gravel	11	1	2.41	Front st
413	Davis st	20 ft. from south line	Sewer in Elm st	A point 318 ft. west of Elm st	" "	12″	353′	Very Coarse Gravel	12		2.02	E. O. & S...
414	Elm st.	15 ft. from east line	End of old sewer	Davis st	" "	12″	26′	Coarse Gravel	8	1	1.78	E. O. & S...
415	Fairfield ave.	19 ft. from north line	A point 1030 ft. west of Nonotuck st.	A point 1286 feet west of Nonotuck st.	" "	8″	256′	Gravel	7		.73	Walnut st...
416	L cust st.	23 ft. from west line	Appleton st	A point 337 feet south of Appleton st.	" "	10″	355′	Sand	7	1	94	Walnut st...
417	Mosher st.	14 ft. from north curb line	Alley rear of Bowers and West sts	A point 48 ft. east of Alley	" "	8″	56′	Gravel	6	1	1.80	Mosher st...
418	Jones's sewer Springfield rd...	55 to 12 ft. north of Whiting line	Connecticut river	A point 170 feet west of Conn. river	" "	12″	170′	Clay	7½		.59	
419	Thorpe ave.	11 ft from east line.	Sewer in Beacon ave..	A point 263 ft. north of Beacon ave	" "	8″	290′	Gravel and Sand..	7		.80	Walnut st...
420	Winter st	20 ft. from east line.	Sewer in Appleton st..	A point 350 ft. north of Appleton st.	" "	15″	350′	Gravel	8		1.51	Appleton st.
421	Yale st.	N. bank of dingle east of Pleasant st.	Manhole east side of Pleasant st.	A point 65 ft. south of Atherton's house	" "	8″	234′	Gravel	5½	1	.68	Highlands ..
422	Sycamore st	23 ft. from west line	Sargeant st.	Hampshire st	" "	10″	478′	Gravel and Sand..	7	1	.94	E. O. & S...
423	Nonotuck st	15 ft. from east line.	A point 1 5 ft. south of Dwight st.	A point 190 ft. south of Dwight st	" "	6″	65′	Gravel and Sand..	6		.60	Walnut st...
424	St Jerome ave	20 ft. from east line.	Dwight st	St. James ave	" "	18″	646′	Gravel and Sand..	12 to 7			Walnut st...
425	St. James ave	20 ft. from south line	St. Jerome ave..	A point 45 ft. west of Lynwood ave.	" "	12″	676′	Gravel, Rock and Filled Ground...	7			Walnut st...
431	Monroe st		Sewer in St. Jerome ave	A point 110 ft. east of St. Jerome ave.	" "	12″ 10″	108′ 24′	Gravel, Rock and Filled Ground...				Walnut st...

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PINE STREET STORM WATER SEWER SYSTEM TO DATE

BUILT IN 1905.

No.	Sewer	Alignment	From	To	Material	Size	Length in Feet	Material Excavated	Depth in Feet	Number of Manholes	Cost Per Foot	System
387	Walnut st	25 ft. from west line	South line Appleton st	Essex st	Vit. Pipe	24"	470′	Gravel	7	1	$ 1.76	Pine st.
388	Walnut st	25 ft. from west line	Essex st	Center of Cabot st	" "	18"	495′	Gravel	7	1		
389	Essex st	25 ft. from south line	Walnut st	Center of Oak st	" "	18"	883′	Gravel	7	3	1 46	Pine st.

BUILT IN 1906.

No.	Sewer	Alignment	From	To	Material	Size	Length in Feet	Material Excavated	Depth in Feet	Number of Manholes	Cost Per Foot	System
405	* Pine st	31 ft. from west line	Prospect st	Hampden st	Con. Blk.	54"	708′	Sand and Clay	13 to 14	4	*	Pine st.
		31 ft. from west line	Hampden st	Dwight st	Con. Blk.	39"	525′					

BUILT IN 1907.

No.	Sewer	Alignment	From	To	Material	Size	Length in Feet	Material Excavated	Depth in Feet	Number of Manholes	Cost Per Foot	System
426	* Prospect st	25 ft. from south line	Pine st	Walnut and Pine sts. trunk sewer outlet at icehouse	Con. Blk.	54"	245′	Sand and Soft Rock	12 to 10	1	*	Pine st.
427	* Pine st	31 ft. from west line	Dwight st	Suffolk st	Con. Blk.	39"	509′	Sand and clay	10	2	*	Pine st.
428	* Suffolk st	27 ft. from south line	Pine st.	Walnut st	Con. Blk	39"	290′	Sand and Gravel	10 to 9	1	*	Pine st.
429	* Walnut st	25 ft. from west line	Suffolk st	Appleton st	Con. Blk.	39"	487′	Sand and Gravel.	9 to 7	1	*	Pine st.
430	Appleton st	17 ft. 6 in. from north line	Center of Oak st	Center of Sycamore st	Vit. Pipe	18"	232′	Sand and Gravel	7	4	$1 23	Pine st.
						15"	60′					
						12"	604′					

* Cost per foot for re-inforced concrete block sewer including excavation was: for 54 inches in diameter, $6.90; for 39 inches in diameter, $4.84.

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HIGHWAYS.

Perhaps there is no department of the city that has shown to greater advantage for some time past than the highway department owing to the greater improvements that are being made in the streets from year to year.

And the past year has been no exception to this rule. for Appleton street has been paved with vitrified brick from Beech street to Dwight street; Pleasant street from Appleton street to Dwight street; Cabot street from High street to the westerly side of Maple street; Suffolk street from High street to Railroad street and Division street from High street to Railroad street.

Creo-resinate blocks have been laid on the easterly side of Main street from Appleton street to Spring street. Macadam tarvia has been laid on Linden street from Hampden street to Dwight street; on Hampden street from Brooks avenue to Nonotuck street; on South street from Chapin Square to Northampton street while macadam proper has been laid on Beech street from Appleton street to Cabot street; on Chestnut street from Prospect street to Dwight street; on Bridge street from Sargeant street to Jackson street and on Mosher street from Bowers street to Bridge street.

The total length of streets improved was 2.02 miles, of which 0.59 miles were of brick pavement, 0.09 miles wood block pavement and the remaining 1.41 miles macadam tarvia and macadam proper.

The cost per square yard of these pavements including all excavation and foundations are shown in the following table.

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TABLE SHOWING COSTS OF PAVEMENTS LAID IN 1907.

STREETS PAVED	Kind of pavement	Kind of foundation	Area of Pavement in sq. yds.	Cost per sq. yd. incl'd'g foundation
Appleton st. from Beech st. to Dwight st.; Dwight st. from Pleasant st. to Appleton st.; Pleasant st. from Dwight st. to Appleton st.	Vitrified brick	Hassam foundation	7,700	$ 2.37
Cabot st. from west line of High st. to west line of Maple st.	Vitrified brick	Portland Cement Concrete	1,217	2.31
Division st. from Railroad st. to High st.	Vitrified brick	Portland Cement Concrete	1,174	2.23
Suffolk st. from Railroad st. to High st.	Vitrified brick	Portland Cement Concrete	1,448	2.11
Easterly side of Main st., from Spring st. to northerly side of Appleton st.	Creo-resinate wood block	Portland Cement Concrete	1,383	3.31
Hampden st. from Brooks ave. to Nonotuck st.	Macadam (Tarvia)	Ordinary earth	3,394	.57
Linden st. from Hampden st. to Dwight st.	Macadam (Tarvia)	Ordinary earth	1,394	.59
South st. from Chapin sq. to Northampton st.	Macadam (Tarvia)	Ordinary earth	7,040	.62
Beech st. from Appleton st. to Cabot st.	Macadam	Ordinary earth	1,700	.50
Chestnut st. from Dwight st. to Prospect st.	Macadam	Ordinary earth	5,408	.43
Mosher st. from Bridge st. to Bowers st.	Macadam	Ordinary earth	4,150	.55
South Bridge st. from Sargeant st. to Jackson st.	Macadam	Ordinary earth	4,038	.46

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In the improvements to be made in highways the coming year, Suffolk street, from Walnut street to Oak street, should not be forgotten.

After a long agitation regarding the opening of Jackson street under the tracks of the Holyoke & Westfield railroad, the matter was finally agreed upon by the city and the railroad company, and in consequence a decree for the opening of the street was granted by the County Commissioners.

The work, which has just been started, cannot very well be prosecuted through the winter months, and is likely to be deferred until the coming spring, when, it is expected, it will then be prosecuted to completion as rapidly as possible.

CURBING AND SIDEWALKS.

Although considerable work has been done in the laying of curbing and sidewalks for some years past, there is still a very large amount of this work to be done. Consequently, it might be advisable to make a permanent loan so as to enable this work to be done with greater despatch, as it is hardly reasonable or fair to make some of the taxpayers, who want curbing and sidewalks around their properties and are willing to pay their share of the cost of the same, to wait for several years before they receive either. Such a policy is not a proper one and certainly no incentive for people to improve their properties.

It is, therefore, suggested that some system be devised, whether by the use of a permanent loan or otherwise, that property owners can promptly get curbing and sidewalks on application, so long as they are willing to pay their share of the cost of the same.

For the number of lineal feet of curbing and square yards of sidewalks laid and recovered during the year, you are respectfully referred to the report of the Board of Public Woks.

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ACCEPTED STREETS.

The following table gives the locations, measurements and grades of the streets accepted during the year 1907, viz:

Name of Street	From	To	Length	Width
Jackson	A point 424 ft. east of the center line of Commercial st.	Commercial st.	424 ft.	60 ft.
Hitchcock	The center line of Northampton st.	Westfield rd.	1539 ft.	50 ft.

The established grades of the above named streets are as follows:

Name of Street	Intersection with	Grade
Jackson	Commercial st.	115.08
Jackson	A point 214 ft. east of Commercial st.	96.10
Jackson	A point 424 ft. east of Commercial st.	95.50
Hitchcock	Northampton st.	257.69
Hitchcock	Dexter st.	259.50
Hitchcock	Martin st.	262.25
Hitchcock	Center of Holyoke St. Ry. Co., location	264.50
Hitchcock	At a point 1200 ft. west of Northampton st.	267.00
Hitchcock	At a point 1450 ft. west of Northampton st.	282.50
Hitchcock	Westfield rd.	285.00

BRIDGES.

It is unnecessary to repeat again what has been stated so many times before, regarding the wisdom of the construction of a new bridge each year until all the older and weaker bridges would be replaced by more modern structures. It seems that a new structure should be built, if no more than for aesthetic reasons, on Sargeant street over the first level canal, as the present structure is certainly, to say the least, no addition to the city beautiful.

Following is a tabulated list of the bridges under the care of the city, together with their widths of roadway, sidewalks, and areas of the same.

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LIST OF BRIDGES UNDER CARE OF THE CITY.

Location	Length in feet	Width of Roadway	Area of Roadway	No. of Walks	Width of Walks	Area of Walks
South Hadley Falls (county bridge) eight spans	1,280	30 ft.	38,400 sq. ft.	2	8 ft.	20,480 sq. ft.
Bridge street at Valley Mill	140	38 ft.	5,320 sq. ft.	2	6 ft.	1,680 sq. ft.
Lyman street over 1st level canal	140	23 ft.	3,220 sq. ft.	2	7 ft.	1,960 sq. ft.
Lyman street over 2nd level canal	140	23 ft.	3,220 sq. ft.	2	7 ft.	1,960 sq. ft.
Dwight street over 1st level canal (brick road and concrete walk)	130	40 ft.	5,200 sq. ft.	2	10 ft.	2,600 sq. ft.
Dwight street over 2nd level canal (brick road and concrete walk	130	40 ft.	5,200 sq. ft.	2	10 ft.	2,600 sq. ft.
Appleton street over 1st level canal	120	24 ft.	2,880 sq. ft.	2	8 ft.	1,420 sq. ft.
Appleton street over 2nd level canal	120	30 ft.	3,600 sq. ft.	2	10 ft.	2,400 sq. ft.
Cabot street over 1st level canal	110	26 ft.	2,860 sq. ft.	2	7 ft.	1,540 sq. ft.
Cabot street over 2nd level canal	110	24 ft.	2,640 sq. ft.	2	8 ft.	1,760 sq. ft.
Cabot street over 3rd level canal (granite road and concrete walk)	100	40 ft.	4,000 sq. ft.	2	10 ft.	2,000 sq. ft.
Sargeant street over 1st level canal	77	20 ft.	1,540 sq. ft.	2	7 ft. 6 in.	1,155 sq. ft.
Sargeant street over 2nd level canal	100	24 ft.	2,400 sq. ft.	2	8 ft.	1,600 sq. ft.
Jackson street over 2nd level canal	90	25 ft.	2,250 sq. ft.	2	6 ft. 10 in.	1,230 sq. ft.
Main street over 3rd level canal	100	46 ft.	4,600 sq. ft.	2	12 ft.	2,400 sq. ft.
Williamansett (county) bridge, three spans	516	30 ft.	15,480 sq. ft.	2	8 ft.	8,256 sq. ft.
Williamantic bridge (app. oach)	104	30 ft.	3,120 sq. ft.	2	8 ft.	1,664 sq. ft.
Foot bridge over B. & M. R.R. tracks at Dwight street	192			1	12 ft.	2,304 sq. ft.
Total	3,699		105,930 sq. ft.			59,509 sq. ft.

PARK AND LIGHTING DEPARTMENTS.

With the exception of alignments for pipe laying, little if any work had to be done for the Lighting Department during the year.

The same, however, cannot be said of the Park Department which demanded the attention and time of an assistant from this office practically throughout the whole working season.

WATER DEPARTMENT.

A new section of 20-inch pipe-line 1634 feet in length has been laid from a point in the High Service pipe-line,

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adjacent to the Wright gate house, and connected again with the same line at the end of the new canal or rock cut so called.

This new section of pipe-line has been laid because the old pipe-line, which was the original main from Wright's reservoir to the city and which was made part of the High Service line after the new canal was constructed, was found to be inefficient owing to leakage.

At first, when the High Service water was conveyed through this pipe-line, no leakage appeared, and it was not until the High Service water was shut off and turned on again that a number of leakages appeared all over the submerged portion of it.

What caused these leakages has never been ascertained, as, certainly, they could hardly be attributed to any extra pressure caused by the High Service water, since the static pressure along this section of line was only about 52 lbs. This submerged line should be put in repair, as in case of extremely low water in Ashley and Wright reservoir, or in case of odors and tastes in these reservoirs, its usefulness would make itself apparent because of the low depth at which it is laid.

Another excellent work which has been done the past year was the laying of a 16-inch pipe-line from the end of the 12-inch pipe-line in Madison avenue to Hampden street at what was formerly called Washington street but now Lincoln street.

The laying of this pipe-line partially completes the plans outlined some years since, which showed that the piping system ought to be so regulated that surplus water from any of the distributing reservoirs should be controlled and not allowed to waste until all the reservoirs were first filled.

Until this line was constructed, conditions were such that the Whiting Street reservoir could be overflowing and wasting water into the Connecticut river while the Ashley and Wright reservoirs would still be far below high-water mark.

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Another value which this line has added to the water system, is that it enables Whiting Street to be used as a high and low service system at the same time. This seems a paradox but it is true nevertheless. So true, indeed, that it is actually performing these functions at the present time.

In the beginning of November or late in October odors and tastes were noticed in the faucet water down town. On investigation it was found that this condition of the water was caused by an organism known as Synura which infested Wright's reservoir, the main intake of the low service system. So clear and unmistakable was the cause of the trouble as pointed out, that on the shutting off of Wright reservoir all odors and tastes had disappeared within ten hours after.

This shows what progress has been made in the science of water supply by your Engineering Department as compared with the days when experts were called in by the city from all over the country to solve the same kind of problems but failed to do so as some of the early reports of the Water Department tell us.

It is gratifying to notice that the consumption of water in the city is being gradually cut down, the average for the year ending November 30th being 103 gallons per capita as against 114 gallons per capita in 1906; 117 gallons per capita in 1905 and 144 gallons per capita in 1904.

SUPERVISION OF ELEVATORS.

Until recently the elevators of this city, which are about 225 in number, had always been tested and supervised by the State police.

During the past year, however, the Attorney General rendered an opinion stating that such work did not come under the duties of the State police but under the duties of the building inspectors in cities and towns in which there were such officers. This places a new duty of no small im-

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portance and responsibility upon your Engineer who is by ordinance inspector of buildings in this city.

To assign such a duty as the supervision of elevators to an inspector of buildings who gives his whole time to inspection alone, and who has no other duties to perform, as is the case in many cities, would seem reasonable, but to assign such a duty as the testing and supervision of 225 elevators to the City Engineer, who has already so many other duties to perform, would not seem reasonable or fair.

What are the duties of the City Engineer at present? His duties are such that to perform them with that skill and intelligence expected nowadays from technical men, he has not only to know the science of civil engineering in general, but to be an expert in sewerage, water supply, highway and bridge construction, in the strength and stability of building materials and in all things relating to the physical development of the city where technical knowledge is required.

The city has now well passed in population its fifty thousand mark, and, consequently, it may be expected that new engineering problems of greater magnitude will have to be met in the future than those which had to be met in the past. When such problems have to be met your Engineering Department should have ample time for their proper study, conception and method of development, so that the best results may be obtained for the amount of money expended.

It is therefore suggested that the supervision of elevators, together with the inspection of buildings, be cut off from the Engineering Department and put in a department for themselves.

This could be done without adding any extra expense to the city, by electing or appointing, if the suggestion might be made, the head of the new department from the present staff of the Engineering Department.

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INDEXING.

A considerable length of time was given in the early part of the year in re-arranging and indexing again all the drawing on file in this Department.

These drawings are over fifteen hundred in number and in their re-arrangement the more important ones, such as the plans and profiles of streets and sewers for each year for many years back, were put in book or portfolio form, while the less important ones were grouped together and filed under the proper headings to which they referred.

BUILDING INSPECTION.

Below is a list of the plans and specifications approved during the year by the Building Inspector, followed by a list of all the drawings prepared and placed on file from Dec. 1st, 1906, to Nov. 30th, 1907.

Owner	Street	No. Stories	Description
L. A. Lafrance	Adam street, cor. Canal	1	Lumber shed
D. C. Downing	Main street	1	Business building
M. H. Baker	Appleton street	2	Business building
George W. Prentiss	Dwight street	3	Addition to mill
John Tilley	Suffolk street	6	Business building
City of Holyoke	Commercial street	3	Barn on city lot
Henry Desmerais	Division street	3	Carriage shop
James H. Newton	Cor. Main & Jackson sts.	1	Waiting station
J. J Curran	High street	4	Business building
Holyoke Street Railway Co.	Grover street	1	Car shed addition
E. L. Lyman	Alley west of High street	1	Barn
Valley Paper Co	Bridge street	1	Addition to mill
Israel Labelle	Cor. Adam & Summer sts.	1	Addition to block
C. J. Bresnahan	Main street	1	Addition
David Gange	Bridge street		Alteration to store
Presbyterian Church	Cor. Cabot & Chestnut sts.		Addition
Joseph Beauchmen	Race street		Addition
Lyman Mills Co.	Front street	6	Stock house
P. F. Carmody	Oliver street	4	Alteration & addition
E. Beebe	High street		Alteration
L. A. Lafrance	Adams street	5	Tenement block
A. Steiger	High street		Alteration Tilley block
John J. Burke	Division street	1	Garage
Michael McKellop	Lyman street	5	Business building
Robert Cowie	Jackson street	4	Tenement block
J. Hen·itz & Son	Cor. East & Hamilton sts.	2	Barn

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MAPS, PROFILES, PLANS AND SPECIFICATIONS.

Prepared and placed on file from December 1st, 1906, to November 30th, 1907.

MAPS.

Map of Elmwood park.

Map of Riverside park.

Large map of Holyoke, Easthampton and Northampton, for annexation purposes.

Two maps of a portion of Holyoke, Northampton and Easthampton, for annexation purposes.

Map of Prospect park showing property line of B. & M. Railroad Company.

Map of paved streets throughout the city.

PLANS AND PROFILES.

House numbering plans of Linden street from Suffolk to Hampden street; Allyn street from Pleasant to Northampton street; Congress avenue from Elm to Chapin street.

Plan and profile of Jackson street Underpass.

Plan and profile of Charles street between South and Laurel street.

Plan and profile of Pleasant street between Beacon avenue and Dwight street.

Plan of property belonging to Mary Casey at corner of Nonotuck and Morgan streets.

Plan and profile of sewer in Grant street.

Plan and profile of sewer in Northampton street between Madison avenue and Morgan street.

Plan and profile of sewer in Northampton street from View street to Longwood avenue.

Plan and profile of sewer in Cabot street from Elm street to alley west of Elm street.

Plan and profile of sewer in Essex street from Walnut street westerly (proposed).

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Plan and profile of sewer in St. Jerome avenue and St. James street.

Plan and profile of sewer in Suffolk and Walnut streets.

Plan and profile of sewer in Thorpe avenue.

Plan and profile of sewer in Appleton street from Pleasant street northerly.

Plan and profile of sewer in Sycamore street north of Franklin street.

Plan and profile of sewer in Winter street north of Appleton street.

Plan and profile of sewer at Ingleside from Springfield road to Connecticut river.

Plan and profile of sewer in Appleton street from Beech street westerly.

Plan and profile of sewer in Linden street from Sargeant street southerly.

Plan and profile of storm water overflow on Beech street at Northampton and Franklin streets.

Plan and profile of storm water overflow on Chapin street opposite Gates street.

Plan and profile of sewer in Sycamore street southerly from Franklin street.

Plan and profile of sewer in alley between Pine and Walnut streets.

Plan and profile of sewer in Locust street southerly from Appleton street.

Plans, two sets, for the Highland engine house addition.

Plans for changes in the Sargeant street school.

Plans and specifications for gate house for Rock Cut.

Drawings for sanitary in city hall,

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STATISTICS OF THE CITY OF HOLYOKE.

Population May 1, 1900, U. S. census	45,712
Population May 1, 1905, State census	49,034
Number of voters	7,861
Number of polls	13,288
Public schools enrollment (day)	6,525
Public schools enrollment(night)	1,441
Parochial schools enrollment	4,691
Area of city	16.35 miles
Greatest extent north and south	4.75 miles
Greatest extent east and west	5.12 miles
Area of school property	676,919 sq. ft.
Area of city parks	67.53 acres
Area of city hall and city yard lots	1.53 acres
Area of city farms, Berkshire lot, Loomis lot, Allen lot, etc	128.31 acres
Area of Fire Department property	61,891 sq. ft.
Area of Municipal Lighting property	165,048 sq. ft.
Country roads	35.25 miles
City streets accepted	44.84 "
City streets unaccepted	12.89 "
Sheet asphalt pavement	0.60 "
Asphalt block pavement	0.54 "
Granite block pavement	2.64 "
Vitrified brick pavement	1.96 "
Common brick pavement	0.12 "
Bitulithic pavement	0.67 "
Wood block pevement	0.80 "
Macadam pavement	10.75 "
Streets watered	42.71 "
Sidewalks and crossings	55.17 "
Water mains 4-inch and upward in diam.	83.74 "
Gas mains	45.27 "
Sewers	39.14 "
River front	7.06 "
Steam railroads	14.25 "

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Electric railroads	23.04 "
Electric light and power circuits (municipal)	178.50 "
Electric arc street lights	513
Electric incandescent street lights	44
Railroad stations	4
Churches	21
School houses	30
Business colleges	2
Dwelling houses	4,827
Police stations	1
Bath houses	3
Fire engine houses	7
Fire alarm boxes	128
Hook and adder trucks	3
Fire hydrants (public)	670
Post office and sub stations	9
Area assessed	7,026 acres
Valuation, personal	$11,102,540
Valuation real estate	$33,651,240
Tax rate per $1,000	$17.00

Respectfully submitted,

JAMES L. TIGHE.

City Engineer.

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REPORT OF

PARK COMMISSIONERS.

To the Honorable, the Mayor, and Board of Aldermen:

We take pleasure in submitting to you our annual report covering all operations and expenses during the past year together with recommendations for the coming year, all of which we trust will meet with your approval and have your careful consideration.

The year just past has been an active one in many ways and shows some decided changes and improvements on the various parks, notably Riverside and Elmwood. A valuable addition has been made to the park area in the acquisition, by purchase, of the tract of land on the east side of Beech street, owned by the Hospital Association. Negotiations are now in progress for the acquiring of the Ranlet tract adjoining this recent purchase and our own lands. We hope to have same consummated by early spring so that operations may be continued during the coming year.

It is also contemplated securing further land on Main street, adjoining Riverside park on the south, and we hope to secure in the near future that portion of land between present boundary line on the north and the old county ferry-road; this would include the grove on the river bank. We have also had intrusted to our care the small plot of land at the junction of Dwight, Pleasant and Appleton streets. This we have given the name of "Sullivan Square." We have regraded and seeded same, have planted shrubs and flowers, and provided seats, making it very convenient for those awaiting street cars. This plot will be quite an addition and we hope will be very attractive in the summer.

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The greatest amount of work has been done on Riverside and Elmwood parks. The former we have completed planting and grading on the Main street side to the end of our present line. We have begun operations on the river bank, have portions of same graded, the main walks on the bank laid out and planted and we expect to have the tennis courts ready for use the coming season as well as both of the ball grounds. The cricket ground has been finished and in active use during the past season. We should like to be able to practically finish all grading on the park next season.

On Elmwood park much progress has been made. The Maple street end is practically finished—all that remains to be done here is the roadway and walks; the banks are ready for seeding, which will be done early in the spring. We strongly advocate completing the culvert up to Pine street in order that this portion may be finished. Again we urge the city to take some action towards providing funds for the erection of a bridge across the park at this point, as it is badly needed and would be greatly appreciated by those having occasion to travel between Elmwood and the upper portions of the city.

At Prospect park all work of improvement has been stopped owing to delay in settlement of boundary line by the railroad company. It is unfortunate that the city should be so hampered but we cannot seem to get a settlement. We have funds provided for completing the parapet wall on the river front and we trust we shall be able to complete same before the end of the year 1908

On the other parks, no new work or additions have been made; they have received their proper share of attention and are considered in good condition.

It is gratifying to this Board to observe that more interest is being shown by the citizens of our city in the work of progress and improvements on our parks and we hope it may not only continue but increase. We believe the more

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our citizens and tax-payers see of our parks and the progress made in their development, the more encouragement and help they will give us to continue our work, and we ask the hearty co-operation of every good citizen to assist us to make Holyoke a beautiful city.

In conclusion we cannot urge too strongly the importance of securing more lands for park purposes and of placing at the disposal of this Board such sums of money as may be necessary for their purchase every year. The delay not only makes it more expensive but impossible to purchase at any price, so it would seem a good business policy to look ahead for the growth of our city, which is bound to come, by making such purchases when available at once.

We strongly recommend the building of a bridge across the park at Pine street according to plans which have been already made by our landscape architect; also the continuing of the culvert up Pine street to allow of building the bridge at this location.

We are greatly in need of a suitable house for the storage of tools, etc., belonging to Hamilton and Germania parks, and we ask for a sum that will enable us to erect such a building on Hamilton park the coming season.

Owing to the new law which went into effect this last season requiring two shifts of men at eight hours each on all of our parks, our labor account has been doubled, and we shall therefore require increased sum for such expenditures. We therefore recommend that the following appropriations be made for this department for the coming season.

For care and maintenance of present park area	$12,500.00
For development work on Elmwood park.....	5,000.00
For development work on Riverside park....	6,000.00
For development work on all other parks.....	6,000.00
For purchase of land for parks.....	50,000.00

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We append herewith a statement of our receipts and disbursements for the year past together with a detailed statement of all expenditures by months and our labor account, all of which we trust will meet with your approval.

RECEIPTS.

Balance, December 1, 1906	$ 2,240.00	
Appropriation for 1907	17,000.00	
Public park loan	18,000.00	
Receipts	68.70	
		$37,308.70

EXPENDITURES.

Hampden park	$ 1,332.91	
Prospect park	1,489.61	
Elmwood park	1,161.42	
Canonchet park	979.55	
Hamilton park	985.02	
Germania park	1,048.44	
Riverside park	1,210.62	
Ranger park	64.34	
Coughlin park	90.33	
Sullivan square	141.03	
General expense account	1,515.22	
Riverside park improvement	4,979.57	
Elmwood park improvement	2,014.24	
Purchase of land	7,500.00	
		$24,512.30
		$12,796.40

TRANSFERS.

Purchase of land	$ 9,740.00	
Construction purposes	3,000.00	
		$12,740.00
Balance		55.40

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MONTHLY EXPENDITURES.

	Labor.	Supplies.	Total Amt's
January	$15.38	$4.36	$19.74
February		50.61	50.61
March		37.18	37.18
April	587.63	20.55	608.18
May	1,290.78	291.96	1,582.74
June	1,769.25	664.83	2,434.08
July	1,187.24	1,662.15	2,849.39
August	1,332.75	525.86	1,858.61
September	1,914.38	279.97	2,194.35
October	1,724.75	737.02	2,461.77
November	1,616.29	485.53	2,101.82
December		813.83	813.83
	$11,438.45	$5,573.85	$17,012.30

LABOR AND SALARY PAYROLL BY MONTHS.

	Labor.	Salary.	Total Am'ts
January	$15.38		$15.38
April	522.63	65.00	587.63
May	1,199.78	91.00	1,290.78
June	1,655.50	113.75	1,769.25
July	1,096.24	91.00	1,187.24
August	1,241.75	91.00	1,332.75
September	1,800.63	113.75	1,914.38
October	1,633.75	91.00	1,724.75
November	1,499.29	117.00	1,616.29
	$10,664.95	$773.50	$11,438.45

LAND ACCOUNT.

Eliza Whitehouse	$1,250.00	
Holyoke street railway	700.00	
Holyoke city hospital	5,550.00	
		$7,500.00

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OFFICE AND MISCELLANEOUS ACCOUNT.

Auburn P. Capen, salary	$ 773.50	
Auburn P. Capen, services	15.52	
Daniel J. Hartnett, salary	250.00	
Telephone	50.00	
Carfare	50.00	
Team hire	280.00	
Printing and stationary	45.90	
Caps and buttons	36.30	
Pump	4.00	
Sower	10.00	
		$1,515.22

ELMWOOD PARK IMPROVEMENT.

Samuel Beaulieu, teams	$ 65.25	
Patrick Fitzgerald, teams	74.25	
Dillon Bros., teams	67.50	
Thomas Bray, teams	18.00	
Frank Bray, teams	20.25	
Doane & Williams, lumber	11.38	
Daniel O'Connell's Sons, teams	218.00	
Wm. H. Morehouse, cartage	36.40	
John Donoghue ,team	11.25	
P. J. Kennedy, team	51.75	
		$ 574.03
Labor		1,440 21
		$2,014.24

RIVERSIDE PARK IMPROVEMENT.

Daniel O'Connell's Sons, teams	$1,085.75
Merrick Lumber Co., lumber	18.20
Wm. H. Morehouse, cartage	12.38
Sheldon' Transfer, ashes	58.25
James Kennedy, teams	197.00
Bay State Nurseries, shrubs	2.00

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Eastern Nurseries, shrubs.....	169.28	
W. B. Whittier & Co., shrubs.....	273.54	
Mt. Hope Nurseries, shrubs.....	15.10	
Edward Gillett, shrubs.....	3.00	
Louis Lamberton, ashes.....	42.25	
Louis Turgeon, moving building.....	100.00	
Samuel Beaulieu, filling.....	339.15	
J. J. Prew, masonry.....	55.45	
J .J. Slattery, water pipe.....	203.00	
Doane & Williams, lumber.....	28.27	
Sundries	1.50	
		$2,604.12
Labor		2,375.45
		$4,979.57

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ACCOUNTS AND EXPENDITURES OF EACH OF THE SEVERAL PARKS.

HAMPDEN PARK.

PAY ROLL.			
Park keeper,	$973.12		
		Net Expenditures,	$1,332.91
Extra labor,	30.30		
BILLS.			
Maintenance,	287.84		
Improvement,	41.65		
	$1,332.91		$1,332.91

PROSPECT PARK.

PAY ROLL.			
Park keeper,	$973.12		
		Net Expenditures,	$1,489.61
Extra labor,	201.62		
BILLS.			
Maintenance,	314.87		
	$1,489.61		$1,489.61

ELMWOOD PARK.

PAY ROLL.			
Park keepers,	$973.12		
		Net Expenditures,	$3,175.66
Extra labor,	1,440.21		
BILLS.			
Maintenance,	188.30		
Improvement,	574.03		
	$3,175.66		$3,175.66

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CANONCHET PARK.

PAY ROLL.			
Park keepers,	$823.00		
		Net Expenditures,	$979.55
BILLS.			
Maintenance,	156.55		
	$979.55		$979.55

HAMILTON PARK.

PAY ROLL.			
Park keepers,	$866.00		
		Net Expenditures,	$985.02
Extra labor	28.00		
BILLS.			
Maintenance,	91.02		
	$985.02		$985.02

GERMANIA PARK.

PAY ROLL.			
Park keepers,	$863.00		
		Net Expenditures,	$1,048.44
BILLS.			
Maintenance,	185.44		
	$1,048.44		$1,048.44

RIVERSIDE PARK.

PAY ROLL.			
Park keepers,	$973.12		
		Net Expenditures,	$6,190.19
Extra labor,	2,375.45		
BILLS.			
Maintenance,	237.50		
Improvement,	2,604.12		
	$6,190.19		$6,190.19

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RANGER PARK.

PAY ROLL.

Labor,	$41.25		
		Net Expenditures,	$64.34
BILLS.			
Improvement,	23.09		
	$64.34		$64.34

COUGHLIN PARK.

Labor,	$30.13		
		Net Expenditures,	$90.33
Bills,	$60.20		
	$90.33		$90.33

SULLIVAN SQUARE.

Labor,	$73.51		
		Net Expenditures,	$141.03
Bills,	67.52		
	$141.03		$141.03

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TO WHOM AND FOR WHAT MONEY WAS PAID OUT DURING THE YEAR.

JANUARY.

To Whom.	For What		Amount.
Crosby Hardware Store	Wire,	$ .20	
New Eng. Tel. & Tel. Co.,	Telephone,	2.08	
New Eng. Tel. & Tel. Co.,	Telephone,	2.08	
			$ 4.36

FEBRUARY.

G. P. Ellison Co.,	Cartage,	$4.50	
G. E. Russell & Co.,	Lock,	.75	
J. Russell & Co.,	Repairs,	12.00	
J. Russell & Co.	Repairs,	10.50	
Sullivan & Tucker,	Waste cock,	11.43	
Holyoke Water Works,	Key,	5.00	
New Eng. Tel. & Tel. Co.,	Telephone,	2.09	
New Eng. Tel. & Tel. Co.,	Telephone,	2.09	
Sullivan & Carmody,	Stop cock, labor,	2.25	
			$ 50.61

MARCH.

A. F. Gingras,	Team,	$31.25	
New Eng. Tel. & Tel. Co.,	Telephone,	2.09	
New Eng. Tel. & Tel. Co.,	Telephone,	2.09	
C. E. Glidden,	Barrel,	.50	
Alfred Paquette,	Repairs,	1.25	
			$ 37.18

APRIL.

New Eng. Tel. & Tel. Co.,	Telephone,	$2.09	
New Eng. Tel. & Tel. Co.,	Telephone,	$2.09	
Crosby Hardware Store,	Lock, chain,	.85	
A. P. Capen,	Services,	15.52	
			$ 20.55

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MAY.

Merrick Lumber Co.,	Lumber,	$44.65	
New Eng. Tel. & Tel. Co.,	Telephone,	2.09	
New Eng. Tel. & Tel. Co.,	Telephone,	2.09	
E. D. Wells,	Supplies,	7.94	
Holyoke Broom Works,	Brooms,	2.00	
Holyoke St. Ry. Co.,	Fare books,	35.00	
J. Russell & Co.,	Sower,	10.00	
G. E. Russell & Co.,	Supplies,	18.84	
Sullivan & Carmody,	Stop cock, etc.,	6.45	
Transcript Pub. Co.,	Printing,	9.25	
M. J. Kearns,	Fittings,	2.15	
G. P. Elison & Co.,	Cartage,	7.10	
A. F. Gingras,	Team,	18.75	
Daniel O'Connell's Sons,	Teams,	116.25	
C. W. Johnson,	Insurance,	9.40	
			$ 291.96
George H. Allyn for Eliza A. Whitehouse, land,			$1,250.00

JUNE.

Novelty Machine Co.,	Repairs,	$1.25
Michael Cleary,	Repairs,	14.48
Michael Cleary,	Repairs,	10.50
Rehm & Wagner,	Repairs,	2.50
R. T. Oakes,	Labor,	.60
Holyoke St. Ry Co.,	Fare books,	10.00
Daniel O'Connell's Sons,	Teams,	390.25
Wm. H. Morehouse,	Cartage,	12.38
J. W. Adams,	Shrubs,	6.00
E. D. Wells & Co.,	Supplies,	9.14
Crosby Hardware Store,	Supplies,	18.36
G. E. Russell & Co.,	Bolts, nails,	2.95
E. H. Frederick,	Packings,	1.35
Sullivan & Carmody,	Labor, etc.,	14.80
W. T. Dean,	Bronze, etc.,	3.35

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New Eng. Tel. & Tel. Co.,	Telephone,	2.08	
New Eng. Tel. & Tel. Co.,	Telephone,	2.08	
Chase & Cooledge Co.,	Oil,	.30	
Crosby Hardware Store,	Supplies,	12.46	
Sheldon's Transfer,	Cartage,	18.50	
A. F .Gingras,	Team,	32.50	
James Kennedy,	Teams,	99.00	
			$ 664.83

JULY.

Bay State Nurseries,	Plants,	$2.00
Eastern Nurseries,	Plants,	169.28
Mt. Hope Nurseries,	Plants,	10.85
W. B. Whittier & Co.,	Plants,	220.56
Dillon Bros.,	Hack,	5.00
Lewis Lamberton,	Ashes,	9.50
E. D. Wells & Co.,	Mower, etc.,	10.20
W. H. Abbott,	Fertilizer,	145.00
New Eng. Tel. & Tel. Co.,	Telephone,	2.08
New Eng. Tel. & Tel. Co.,	Telephone,	2.08
Crosby Hardware Store,	Fence, etc.,	30.29
G. E. Russell & Co.,	Seeds, etc.,	4.68
Daniel O'Connell's Sons,	Teams ,men,	19.00
Daniel O'Connell's Sons,	Teams, men,	114.00
Daniel O'Connell's Sons,	Teams, men,	83.00
Sullivan & Carmody,	Faucet,	.90
Doane & Williams,	Lumber,	7.60
Wm .H .Morehouse,	Cartage,	36.40
J. Russell & Co.,	Hoes,	1.50
E. F. Dreikorn,	Painting,	19.75
Merrick Lumber Co.,	Lumber,	17.30
R. W. Sanderson,	Oil,	.35
D. J. Landers,	Sand,	3.60
James Kennedy,	Teams,	89.00
Fitzgerald & Co.,	Time book,	.10
E. F. Dreikorn,	Paint, etc.,	5.60

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Merrick Lumber Co.,	Lumber,	13.38	
John Delaney,	Turpentine,	.45	
George A. Murphy,	Repairs,	4.00	
G. J. Prew & Co.,	Caps, buttons,	36.30	
P. Fitzgerald,	Teams,	9.00	
Field & Sinclair,	Flowers,	134.33	
John Donoghue,	Team,	11.25	
P. J. Kennedy,	Teams,	51.75	
A. F. Gingras,	Team,	30.00	
Sheldon's Transfer,	Ashes,	27.75	
Mrs. Bruno Ezold,	Flowers,	13.55	
Mrs. Bruno Ezold,	Flowers,	49.08	
Mrs. Bruno Ezold,	Flowers,	42.64	
Joseph Beech,	Flowers,	94.30	
A. L. Codaire,	Hack,	5.00	
George A. Murphy,	Repairs,	3.75	
Daniel J. Hartnett,	Services,	125.00	
August Voigt,	Cartage,	1.00	
		———	$1,662 15
Holyoke Street Railway Co., land,			$700.00

AUGUST.

Louis A. Turgeon,	Raising bldg.,	$100.00	
J. Gullong,	Key,	.25	
J. Russell & Co.,	Hose bands,	.40	
Casper Ranger,	See-saws,	52.57	
Sullivan & Carmody,	Labor, pipe,	25.71	
New Eng. Tel. & Tel. Co.,	Telephone,	2.08	
New Eng. Tel. & Tel. Co.,	Telephone,	2.08	
D. M. Allison,	Supplies,	1.31	
Crosby Hardware Store,	Supplies,	4.00	
W. T. Dean,	Paint,	4.20	
G. E. Russell & Co.,	Supplies,	3.86	
Transcript Pub. Co.,	Stamped env.,	24.00	
M .J. Kearns,	Labor,	7.15	
Daniel O'Connell's Sons,	Teams,	34.88	
Daniel O'Connell's Sons,	Teams,	69.75	

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Daniel O'Connell's Sons,	Teams,	27.00	
Daniel O'Connell's Sons,	Teams,	2.00	
D. J .Landers,	Masonry,	39.65	
Merrick Lumber Co.,	Slats,	4.00	
A. F. Gingras,	Team,	33.75	
E. F. Dreikorn,	Paint,	24.60	
Catherine Dreikorn,	Storage,	36.00	
J. & W. Jolly,	Casting,	.94	
Casper Ranger,	Windows,	3.18	
James Kennedy,	Teams,	22.50	
			$ 525 86

SEPTEMBER.

Sparrow & McTigue,	Hardware,	$16.40	
George Lawrence,	Team,	9.15	
Gavin & Moriarty,	Faucet,	1.75	
Doane & Williams,	Slats,	14.91	
M. J. Kearns,	Repairs,	1.50	
Holyoke Broom Works,	Brooms,	1.85	
E. F. Dreikorn,	Paint,	4.60	
E. D. Wells,	Seed,	2.67	
E. H. Frederick,	Plunger,	.50	
E. D. Wells,	Scythe,	1.00	
John H. Delaney,	Paint,	1.20	
Haarman & Dedrich,	Forging,	1.25	
John H. Delaney,	Paint,	4.50	
New Eng. Tel. & Tel. Co.,	Telephone,	2.08	
New Eng. Tel. & Tel. Co.,	Telephone,	2.08	
G. E. Russell,	Supplies,	4.74	
Transcript Pub Co.	Printing,	12.25	
George Murphy,	Repairs,	4.75	
Merrick Lumber Co.,	Lumber,	5.33	
Sullivan & Carmody,	Hose, etc.,	26.60	
Daniel O'Connell's Sons,	Teams,	2.82	
Daniel O'Connell's Sons,	Teams,	135.00	
A. F. Gingras,	Team,	16.75	
Crosby Hardware Store,	Supplies,	6.29	
			$ 279.97
Holyoke City Hospital Land,			$5,550.00

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OCTOBER.

Samuel Beaulieu,	Filling,	$274.35	
A. F. Gingras,	Team,	36.50	
J. J. Prew,	Masonry,	55.45	
Parfitt Art and Dec. Co.,	Signs,	2.50	
Daniel O'Connell's Sons,	Teams,	85.50	
Daniel O'Connell's Sons,	Teams,	4.50	
Crosby Hardware Store,	Supplies,	13.40	
J. Russell & Co.,	Supplies,	3.50	
W. T. Dean,	Paste,	.55	
E. F. Dreikorn,	Paint,	4.85	
Doane & Williams,	Lumber,	28.27	
G. E. Russell,	Supplies,	10.14	
New Eng. Tel. & Tel. Co.,	Telephone,	2.08	
New Eng. Tel. & Tel. Co.,	Telephone,	2.08	
E. D. Wells,	Supplies,	10.35	
J. J. Slattery,	Piping,	203.00	
			$ 737.02

NOVEMBER.

Daniel O'Connell's Sons,	Teams,	$9.00
Daniel O'Connell's Sons,	Teams,	157.00
Daniel O'Connell's Sons,	Teams,	103.50
New Eng. Tel. & Tel. Co.,	Telephone,	2.08
New Eng. Tel. & Tel. Co.,	Telephone,	2.08
Patrick Fitzgerald,	Teams,	18.00
Albert A. Paquette,	Repairs,	1.15
E. D. Wells,	Shovels, etc.,	4.30
Louis Bibeau,	Oil,	.24
Doane & Williams,	Lumber,	11.38
W. T. Dean,	Paint,	3.05
Holyoke Water Works,	Service,	5.50
G. E. Russell,	Shovels,	8.00
Crosby Hardware Store,	Supplies,	5.25
Holyoke St. Ry. Co.,	Fare book,	5.00

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Casper Ranger,	Labor,	4.00	
Daniel J. Hartnett,	Freight,	1.35	
Wm. H. Morehouse,	Cartage,	2.00	
Kennedy & Sullivan,	Repairs,	.60	
Marcotte & Paquette,	Milk can,	1.00	
Michael Cleary,	Repairs,	8.00	
Dillon Bros.,	Team,	9.00	
Sheldon's Transfer,	Cartage,	12.00	
Frank G .Bray,	Team,	20.25	
Thomas Bray,	Team,	18.00	
Samuel Beaulieu,	Team,	55.80	
Samuel Beaulieu,	Team,	18.00	
			$ 485.53

DECEMBER.

Lewis Lamberton,	Ashes,	$33.25
Daniel J. Hartnett,	Services,	125.00
Aug. Vogt ,	Cartage,	2.50
Burrington Motor Works,	Pump,	4.00
Hol. Valve & Hydrant Co.,	Pipe,	2.25
Merrick Lumber Co.,	Lumber,	8.47
New Eng. Tel. & Tel. Co.,	Telephone,	2.08
New Eng. Tel. & Tel. Co.,	Telephone,	2.08
Prentiss, Brooks & Co.,	Cement,	1.30
C. H. Rackliffe,	Shovel,	2.25
Samuel Beaulieu,	Teams,	56.25
M. J. Kearns,	Repairs,	2.30
E. D. Wells,	Sundries,	4.65
Crosby Hardware Store,	Sundries,	10.95
Casper Ranger,	Settees,	31.74
Casper Ranger,	Painting,	6.13
G. E. Russell,	Sundries,	7.55
Field & Sinclair,	Bulbs,	43.70
Daniel O'Connell's Sons,	Teams,	18.00
Daniel O'Connell's Sons,	Teams,	4.50
J. W. Adams,	Shrubs,	4.20
Fitzgerald & Co.,	Time books,	.30

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A. F. Gingras,	Team,	41.75	
A. F. Gingras,	Team,	28.75	
Mt. Hope Nurseries,	Shrubs,	4.25	
W. B. Whittier,	Shrubs,	53.98	
Edw. Gillett,	Shrubs,	3.00	
Patrick Fitzgerald,	Teams,	56.25	
Dillon Bros.,	Teams,	58.50	
Holyoke Ice Co.,	Ice,	45 70	
Holyoke Ice Co.,	Ice,	37.93	
Holyoke Ice Co.,	Ice,	43.30	
Holyoke Ice Co.,	Ice,	50.70	
Holyoke Ice Co.,	Ice,	16.27	
			$ 813.83

In conclusion we can only add that we trust due consideration will be given the foregoing suggestions which we consider all necessary and urgent; especially do we ask for a generous sum for land additions. The trend of the present day in all progressive cities is for the enlargement of park areas and playgrounds. We are at the present time far behind the average city in this respect and it is our ambition to place Holyoke at least with the average city, and to form the nucleus of a park system that will be a pride to her citizens.

To the Engineering Department is due credit for the progress made in the last year by their co-operation and assistance for which we are greatly obliged.

We submit this report to you with the hope that it may have your approval and consideration.

Very respectfully,

CHARLES E. MACKINTOSH,
WM. J. HOWES,
JAMES F. BURNS,
SAMUEL GRANDCHAMP,
MAX O. DREIKORN,
Board of Park Commissioners.

Holyoke, Mass., Dec. 23, 1907.

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Preliminary Report of Frederick L. Olmsted, Jr. Relative to Beautifying the City of Holyoke.

To Hon. N. P. Avery, Mayor of Holyoke.

DEAR SIR:—The following report, prepared and submitted in accordance with your request, deals with such opportunities for general improvement in the physical aspects of Holyoke as are apparent to a stranger who visits the city with an observing eye and with some technical knowledge of municipal conditions and developments elsewhere. It does not pretend to thoroughness or to any conclusiveness of judgment as to the relative importance of the matters considered, but lays the observations and suggestions before you for what they may seem to be worth.

In the first place the observer is struck by the fact that the opportunity for generating a large amount of water power was by no means the only imporatnt natural advantage of Holyoke as the site of an industrial community. Its soil topography and situation are such as to facilitate the maintenance of public health and to permit the development of a convenient transportation system by street and by rail, and the landscape character of this part of the Connecticut river, of the range of western hills, and of the surrounding country in general, is such as offer notable opportunities for recreation and for making the city a thoroughly agreeable place in which to work and to live.

It is very unlikely that the people of Holyoke generally have any realization of the large value of the natural resources and opportunities virtually at their control, to utilize or to preserve for future utilization or to waste and destroy

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by neglect. They have probably been in the situation of the American people as a whole, not unlike that of some spoiled children of wealthy parents; bewildered by more opportunities and resources than they have yet learned to utilize effectively, they are apt in the eagerness with which they pursue certain ends either to waste and neglect or recklessly to sell for a pittance other values that they have not yet had time to appreciate but which they will sorely regret as time brings greater experience and greater managing ability.

To consider for a moment only the opportunities for out-door recreation and landscape enjoyment, matters which experience is proving to have a very real influence on the health, happiness and economic efficiency of industrial communities, Holyoke has in the waters and shores of the Connecticut river, and in the spacious scenery of which the river is the heart, commanded as it is from many en elevated outlook, an asset of immense future value if wisely conserved and utilized. It is very little used at present and might readily be made to bring in a much greater public income of pleasure and recreation by a moderate expenditure for making it more conveniently available, but its greatest value lies in the future when the need of the community for such opportunities of recreation shall be greater and more pressing. The fact that perhaps not ten people in a year's time now visit a certain point of view looking out over the river, that it is at present hard to get at, and that there are too many branches of trees obscuring the outlook to permit its full appreciation, does not alter the fact that the landscape is such a one as artists have devoted their lives to interpreting, such as brings a real refreshment and inspiration to those who look upon it even though they be quite innocent of conscious analysis of their appreciation, and such as will therefore afford pleasure and health of spirit to thousands of people in the future if the opportunity is preserved and ultimately developed.

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The same kind of considerations apply to much of the landscape of the hill country west of the town and especially to that lying about the reservoirs, as discussed more specifically.

But before coming to specific comments upon the opportunities and needs which appealed to us in our rapid survey of Holyoke, in order to maintain some rational order in what must be rather fragmentary remarks, we beg to point out certain divisions of the subject to which we shall adhere.

The physical aspect of a city as affecting its convenience and attractiveness for residence and business purposes is mainly dependent, so far as it is under direct municipal control, upon the distribution and treatment of three kinds of spaces: First, public and quasi-public ways, including streets, alleys, railways, canals and water courses; second, areas devoted specifically to public recreation; third, other public grounds and buildings.

Our observations were confined practically to the first two subjects and are discussed under the following heads:

1. Public and quasi-public ways.

Location of ways:

Main thoroughfares and local streets.
Electric railways.
Steam railways.
Example, Northampton street.
Example, Roads to the west.

Mainteance and improvemens of ways:

Street surfacing.
Street trees.
Overhead wires and poles.
Other highway accessories.
Treatment of canals.

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II. Public recreation grounds.

Playgrounds.

Function of neighborhood recreation grounds.
Selection of sites.

Special park sites:

Prospect Park.
North Bluff.
South Bluff.
The River's edge.
Outlying reservations.

I. PUBLIC AND QUASI-PUBLIC WAYS.

Location of ways:

The layout of public ways is one of the most fundamentally important matters affecting the development of a city, because no features in the structure of a city except large water courses and great hills are so permanent, so hard to change, none more seriously affect the convenience and economy of daily life, and few have so great an influence in determining the distribution and character of all the other structures and improvements.

In all the central part of Holyoke the street layout is fully determined, for the most part reasonably well, and there is no need of praising its good points or pointing out where it might have been bettered. The street system is fully developed, however, within an area occupying considerably less than a fifth of the whole city, and in the gradual prosperous growth of the population this percentage is steadily increasing. In the ten years ending with 1906 the extent of accepted streets was increased 25 1-2 per cent. Looking to the distant future there is no public problem in the present determination of which keen and farseeing intelligence will bring a greater return than in this matter

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of the layout of public ways in those parts of the city not now fully developed in that regard.

City streets usually get laid out in one of three ways. Some are old country thoroughfares absorbed into the growing town. These are apt to be tolerably direct and convenient lines of travel between important points, especially on radial lines between the central business district of the city and subordinate outlying centers; but they are apt to be much too narrow for the traffic ultimately thrown upon them unless they are widened in good season, and, especially in a hilly region, they are sometimes impeded by steep grades or bad turns the elimination of which may have seemed too costly in proportion to the original country traffic but which later put a burden upon the dense urban traffic for the removal of which the city would gladly pay many times the original saving, with compound interest to boot.

Unfortunately, by the time this state of mind is reached the street is usually lined with properties so valuable that any radical change has become prohibitively costly and the inconvenience and burden of the steep grade or the dangerous corner has to be endured for generations or for centuries.

Other city streets are laid out by land owners solely as a means of giving access to the maximum number of marketable lots within the tract they are subdividing, and are subsequently accepted by the city. Unless the tract is a very large one or rather remote from existing main thoroughfares, streets laid out in this way are usually devised only to meet purely local needs, are therefore relatively narrow, and if they do afford any through lines of communication of value to the business of the city at large do so only in an incidental way, by accident, and usually in a more or less inadequate and unsatisfactory manner.

In the third place, it sometimes happens that the municipal authorities or large land companies lay out comprehensive street plans with the deliberate intention of provid-

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ing adequately and conveniently for the general and through traffic as well as for merely local access to private land frontage. This last was done in the original layout of the central part of Holyoke and has been done and is being done every year by many progressive American cities in a more or less successful manner.

The difficulty with many of these deliberately adopted street plans has been twofold. In the first place they have been too rigid, so that the blocks have turned out to be inconveniently small in some districts (as for example where large manufacturing plants have developed, necessitating either the abandonment of some of the streets or the inconvenient separation of different parts of the same plant by public thoroughfares) and have turned out to be inconveniently large in other districts (as for example in the cheaper residence districts, where land has been wasted in the backs of long lots or where inconvenient and unsanitary "back tenements" have been put up behind the buildings on the street frontage in order to utilize the land more fully. In the second place,in attempting to settle at one time the layout of all the streets that would ever be needed in a large territory, the projectors of such plans have usually been led to do their planning hastily and without very careful or thorough study of grades or of the relation of the streets to the natural conditions of the ground, so that while the final result may be on the average pretty good, it may happen that few, if any, of the streets afford first-class lines of travel on easy grades and that most of them cost a good deal more to construct than if they had been carefully laid out with regard to the slope and character of the ground and the requirements of the probable traffic after the manner always employed in fixing a railroad location.

Main Thoroughfares and Local Streets.

On the whole the wisest policy appears to be that of distinguishing clearly between **main thoroughfares** and **local**

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streets, and of laying out on paper long in advance, a tolerably complete system of consisting main thoroughfares only for the whole city, some following existing streets without proposal of change, some following existing ways but proposing certain widenings, straightenings, extensions or changes of grade, and some wholly independent of existing ways. With such a system of well planned main thoroughfares on file, as a basis subject to revision and improvement, it is possible from time to time for city officials, by keeping watch upon the development of outlying districts, to secure the widenings and other condemnations necessary for the ultimate establishment of the main thoroughfares in advance of prohibitive increase of real estate values, but without burdening the city with a lot of needless streets by precipitate action; while the provision of intermediate local streets can safely be left in large measure to the initiative of the land owners as at present.

Electric Railways.

The purpose of any system of main thoroughfares is of course to facilitate the transportation of goods and people between points of a city not closely adjacent by concentrating such travel in streams of sufficient volume to justify the cost of obtaining for them especially good grades, especially easy and durable pavements and other facilities for rapid and cheap transportation. One of the quickest and cheapest means of transportation for passengers is of course the electric railway, and the systematic arrangement of locations for such railway lines, both within streets devoted to other forms of wheeled traffic and upon special rights of way for the safe attainment of higher speeds on the longer trunk lines forms a distinct part of the main thoroughfare problem. The adequate development of the trolley system with a view to the interests of the city as a whole will have a marked influence upon the latitude of choice open to the average working man in the selection of his dwelling place,

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and by thus giving him opportunity of securing greater comfort, healthfulness and economy in his home will conduce to greater efficiency and lower cost of production in the industries of the city. Some one representing the interests of the city as a whole ought therefore, in connection with any general study of street layout, to take an active and constructive part in the planning for future extensions and improvements in the electric railway lines operating in the city. Any such planning to be of real value must be done in close co-operation with the management of the lines, and such co-operation is very difficult to bring about; but the possible results are worth much persistent effort.

Unless such active and constructive co-operation is brought about, the practical alternative is for the city to leave the initiative in developing the railways system exclusively to the representatives of the investors and to occupy a position of more or less obstructive criticism toward their proposals whenever they are not conspicuously for the immediate advantage of the public. This anatgonistic attitude and the lack of correlation between plans for future improvements in highway layout and plans for the electric railway layout cannot result in the best and most economical service to the people or in the largest fair profit to the railway investors, and it is an attitude which constantly offers an inducement to underhand dealings between agents of the two parties, to a policy of secrecy and indirection on the part of the public service corporations, and to municipal corruption.

Steam Railways.

The steam railways, although less intimately connected with the problems of street layout than the electric railways, nevertheless are involved as a part of the main thoroughfare system, because convenience, safety and economy in the method of providing for crossings of the steam roads with the main streets and electric lines affect all parties

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concerned and the best results are usually to be secured only by adjustments on the part of all the parties. Moreover, it is essential to the success of a manufacturing community that the facilities of the railroads, especially for handling freight, should be such as to make for speed and economy of operation. Ample and convenient trackage and room for railroad expansion ought to be allowed for in planning street improvements and in laying out parks and other public works, while on the other hand it is important for the city to see that freight yards and other items of railroad equipment are not located needlessly, in such a way as to interfere with public improvements that are likely to be required in the future or so as to depreciate property values in districts better adapted to residence than to commerce.

Upon this subject of the main transportation lines of the city we can only speak thus in general terms, because it is so complex a problem that we could not intelligently form any definite opinions as to what should be done upon the basis of our brief examination of the situation. Just by way of example, however, it may be well to refer to two examples taken somewhat at random.

Example—Northampton Street.

Northampton street, apart from its local functions, serves as the main highway for through travel north and south along the west side of the Connecticut river, and with the steady, gradual secular growth of population in the Connecticut valley towns and in the increase in the demands of general travel by trolley, by automobile and by other vehicles, the volume of traffic thrown upon this street by outside development entirely apart from the growth of Holyoke is likely to be enormously greater than anything this generation has been thinking about. At the same time the growth of Holyoke itself is pushing steadily westward so that Northampton street, which lay entirely beyond the original development as planned by the Power Company, has already become recognized as within the westerly edge

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of urban development, and is destined before long to become one of the main arteries of the residential district. A recognition of its growing importance has led to the improvement of certain portions of the street, but at places it is extremely narrow and nowhere has it a breadth commensurate with the probable importance of its future traffic. A considerable development of building is likely to take place along it within the next few years, and although there appears to be a disposition on the part of those who build here to set their houses back pretty well from the present street line, there is no telling when costly improvements may be put in close to the line, greatly to the embarrassment of the city when the widening is forced upon it. Provision clearly ought to be made for a great thoroughfare from the West Springfield lines to the Northampton line, having space within its side line not only for ample road surface, but for electric car tracks on a separate reservation and for rows of spreading elm treets such as have for years given the main streets of so many Connecticut river towns their characteristic beauty. It is a matter for close and deliberate study whether such a thoroughfare can be most economically and advantageously obtained by following throughout the present line of Northampton street, Ingleside street and the Southern end of Springfield street, or by adopting in whole or in part a new route more or less parallel thereto. Again it is a question for close and businesslike investigation how fast it will pay to proceed with the acquisition of property for such a thoroughfare and with its construction. But there can be no question that it will pay to look into the matter promptly and after deciding on the most feasible boundaries take steps to prevent the erection of new buildings within them.

Example—Roads to the West.

The above is cited merely as an instance. Other examples may be found in the ultimate necessity for first rate

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thoroughfares connecting the heart of the city with its western territory and the country beyond. The present roads afford remarkably charming drives, so far as scenery is concerned, but for practical purposes and for comfort in the enjoyment of the scenery, they leave much to be desired. They have some dangerous bends and many excessively steep grades which cannot be materially improved on the present location and which will not only offer a serious permanent impediment to travel, no matter how much the road surface may be improved in course of time, but will greatly add to the cost of maintaining a good road surface. Of course it is impossible to build a road over a mountain ridge without having to climb, but there is a great difference between a road well engineered and one that is laid out at random like most of the old country roads. Probably a careful investigation would show that long stretches of the present roads could be adopted into a well planned system of main thoroughfares,leaving out the steepest and crookedest parts to remain as local roads and providing as a substtiute for them a moderate mileage of new connections on reasonable grades and good lines. If such a system of well planned highways were adopted, it would make it possible even before any of the new sections were undertaken, to do a certain amount of improvement on the existing roads without risk of wasting money on sections that are likely to have only a local importance in the future. No street railway company, if it could help it, would spend money on locations so unfortunately laid out as most of the existing roads across the mountain, as witness the private location purchased most of the way for the line to West Holyoke, and the same class of business reasons are just as applicable to the spending of city money in constructing and maintaining good macadamized roads across the mountain. It may be some years before such improvements are actually undertaken, but that they will be made sooner or later is as certain as the march of civilization. The only

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question is whether they will be made so as to get the best results for the money expended or whether they will be done extravagantly by the gradual piecemeal improvement of the present imperfect locations.

In any readjustment of these hill roads it should be borne in mind that an important part of their value, over and above their necessary use as transportation channels, lies in their pleasantness due to the trees and other vegetation with which they are bordered and to the wider landscapes through which they pass. It is desirable, therefore, that they should be laid out wide enough to give ample space for the maintenance of such bordering vegetation, that some regard should be paid to agreeableness of line and grade and of surroundings, and that under favorable conditions the permanence of exceptionally fine views from them should be ensured by the public control of the foregrounds over which the views pass.

Improvement and Maintenance of Ways.

While the proper location of the main thoroughfares is of the most fundamental importance, because its effect never ceases, the convenience and attractiveness of the city at any given time is much more immediately dependent upon the temporary physical condition of streets, as to pavement, sidewalks and accessories. In these regards, while Holyoke is probably better off that the average, it does not strike the casual observer as strikingly different from other American cities of similar size and prosperity, in all of which there is much room for improvement.

Street Surfacing.

"Leaving aside the question of street surfacing, the proper handling of which depends upon perfectly well-known engineering consideration and the success of which is therefore mainly a matter of straightforward good ad-

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ministration within the limits permitted by municipal finance, there are two matters of detail which markedly affect the appearance of the streets and which deserve special reference."

The first is that of street trees.

Street Trees.

The presence of trees in the streets and their maintenance or neglect may be left, and in many communities is left, to chance and private initiative. If this policy is pursued the inevitable result, with the growth of a city, is the gradual disappearance of street trees following a long period of raggedness and shabby decline. Halfhearted and unsystematic efforts on the part of the municipality may prolong the period of decline, arrest it sporadically, or sporadically establish new rows of shade trees, but if satisfactory results are to be secured the matter has to be taken up seriously and systematically with a fair counting of the cost, because here as elsewhere it is impossible to get something for nothing and under the arduous conditions to be found in the city streets any trees worth the having can be permanently maintained only by systematic and somewhat costly care—and that care must be directed not so much to immediate conditions and results as to conditions and results years in the future, because the principal returns from any expenditures on streets can be obtained only after a long period. It takes about twenty years before planted trees begin to be really fine, and their lifetime thereafter, if wise precautions have been taken in planting and caring for them, is apt to be anywhere from twenty-five to a hundred years or more. The return is an annual one, and it is obvious that the biggest returns on any investment in the planting and maintenance of street trees are to be secured only when steps are taken to secure those returns during a long period of years after the time the trees have reached a respectable size.

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The usual methods are such that city street trees begin to go to the bad long before they reach the period of their full value, and by far the major part of the expected return upon the investment is entirely lost.

In street paving the customary American policy of putting down a good pavement and then disregarding the maintenance work which might greatly extend its life is acknowledged to be a wasteful policy, but in any case the pavement is at its best in the beginning and it is only a matter of rate of depreciation. In the case of street trees, on the other hand, under good and systematic management they improve in value steadily for two or three generations, and the lack of adequate measures for insuring permanently good conditions for them not merely cuts down the period during which returns will be received on the investment, but cuts it down at the big end, where the value of the annual return would be the greatest.

In every city there are many streets where it would cost more to establish and maintain good and long-lived trees than they would be worth. In some streets it pays best to maintain cheap quick-growing trees for a few years at a time, in some streets no trees at all, in some streets trees of a compact small-growing habit, in others trees of great height and spread like the American elm. These questions can be intelligently decided only after full consideration of such questions as the width of street and sidewalk, the present and prospective character of occupancy and amount of travel, the character of the subsoil and exposure, and the possibility and estimated cost of establishing and maintaining successfully certain alternative styles of street tree plantations.

To handle this street tree problem in a businesslike way each street or distinct portion of a street ought to be taken up on its own merits, in relation to its surroundings and conditions, and after reasonable inquiry into the facts and consultation with the abuttors by hearings or otherwise it

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should be decided what definite policy it will best pay to adopt in regard to trees in that street during the next fifty or seventy-five years, considering the probable results of the proposed policy and facing the necessary cost fairly and squarely.

General recommendations as to the street trees, without such specific businesslike inquiry in each case, are dangerous; but we are inclined to think that in a great many instances such inquiry would lead to the adoption of something like one of the three following conclusions:

Either (A) that on account of the narrowness of the street ,or the existence or expectation of flat-houses or commercial buildings with their windows close to the edge of the narrow sidewalk, making the dense shade of the street trees objectionable, or of adverse growing conditions and high estimated cost of successfully maintaining trees, it will not pay to maintain trees in the street under consideration, and that any existing trees may be allowed to remain without much expenditure for care until they prove to be in the way or until they become shabby, when they should be removed. Or (B) that it will pay to make the most of the existing trees in a given street and to supplement them. In such a case it will generally pay to remove a considerable number of the existing trees, as they are very generally growing much too crowded for the best results, and as some of them are diseased, and it will generally be desirable to fill in numerous gaps in the planting, to take measures for improving the soil or irrigating the trees or both, to prune out dead and diseased wood on trees worth doctoring, to protect the trees against barking by horses and injury by insects and other pests, and to provide for subsequent renewals in case of death or injury. Or (C) that it will pay to establish a complete new plantation of a specified kind of trees, with proper detailed provisions for their permanent successful maintenance.

Perhaps in the majority of cases conclusion (A) may

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be reached. Practically that is about what the present procedure appears to correspond with in most instances. But it does not seem wise to drift into that policy without a deliberate decision that it is the best thing to do under the circumstances in each particular case. There must be instances where conclusions (B) or (C) would be reached if the case were fairly considered, and where the necessary money for carrying out the proper policy would be at once forthcoming either from the abuttors or from the general tax levy or otherwise if the situation were squarely faced and fully understood. But one thing is certain, that a city cannot permanently have street trees worth the having unless somebody does a lot of systematic and intelligent work toward maintaining them, and that much work cannot be done unless the money is put up for it.

In the city of Hartford a detailed inventory of street trees has been taken. The valuation placed on the individual trees, although of necessity somewhat arbitrary, is generally accepted by the interested abuttors as fair. A perfect specimen of the best species of tree, properly placed and free from disease or injury, with a trunk having a cross section area of one square foot, is reckoned as worth $75, but the average street tree scales down considerably below this value in the inventory.

On any residence street lined by rows of beautiful, large, healthy trees, one to every fifty foot lot, it would be hard to find any abuttors who would be ready to accept $75 as adequate personal compensation if a telephone company, for example, should propose to cut down all the trees in the street; and it would be difficult to win the consent of most of the abuttors to such a devastation even for a much larger cash consideration. This method of looking at the subject perhaps gives as fair an idea of the real value to the abuttors of well grown street trees as can easily be got and it suggests that the Hartford method of valuing the trees is probably conservative. We have figures cov-

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ering about three quarters of the city prepared on the basis above described and the total value of the public investment in street trees in that area reaches the sum of about $450,000.

We cite this instance because few people realize that the shade tree business, if the city is going into it at all, is a big and serious business and that if adequate returns are to be secured on the investment the business has got to be handled in a businesslike way and with a reasonable and proportionate relation between the annual expenditure for protection, maintenance, renewal, etc., and the total value of the result aimed at.

If, on the other hand, the city decides that it does not want or cannot afford anything better than ragged rows of crowded trees, gradually starving and dying off before they reach their prime through lack of adequate food water and air and through untreated injuries to their bark, limbs and foliage, it may reasonably let the matter go along in the usual half-hearted way with the usual results.

Overhead Wires and Poles.

Next to shade trees the most conspicuous objects in the streets are the poles and overhead wires, and it is needless to say that, unlike the trees, they do not ordinarily improve the aspect of the city. It is hardly necessary to refer to this subject at length. Every one agrees that it is desirable to get rid of the poles and overhead wires as much and as rapidly as is economically reasonable. The difference of opinion comes as to when the reasonable period for putting the wires underground has arrived.

The companies maintaining the wires will not remove them to conduits except under pressure, and it is up to the public to put on the screws without being unfair. It is quite impossible to judge when the pressure is unduly great by the squealing of the victim; some managers make a loud outcry on general principles whenever the word "conduit" is mentioned.

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It is essential to take the matter up thoroughly, to ascertain the facts, not merely by asking the companies but by the employment of competent experts representing the city, and after due consultation with the companies to fix upon a definite plan for removing overhead wires and street poles in given districts at given dates, taking due legal measures to enforce compliance.

Few realize the great importance of this matter as affecting the appearance of the city because custom gradually blunts our sensibility to the effect of the wires and poles. They are like an irritating little noise to which one gets so accustomed as not to notice it at all until it ceases; then one suddenly become aware of a grateful refreshing quietness.

The important though subconscious part played by the disorderly tangle of overhead wires, cross-arms and poles in decreasing the agreeableness of Holyoke was strongly brought home to us on the last day of our visit as follows: Standing on one of the canal bridges we felt vaguely reminded of some very pleasant scenes in The Hague and other Dutch cities. There was the canal, not quite pellucid but considerably cleaner than the average canal in picturesque Amsterdam; there were green banks along its sides with occasional trees here and there upon them; beyond were factories, not unpicturesque in outline; and on a neighboring street corner was a really beautiful mass of tree foliage happily illuminated by the sun. And yet, somehow, it was very different from the Dutch scene which it called to mind; something gave it a slovenly, sordid aspect; the trail of the serpent was over it all.

It was only by going slowly through the mental process of a painter who would attempt to render the beauty suggested by the scene without its depressing quality, that we came to realize how much the picture suffered by the disfigurement of the pure soft sky with sharp streaks of wire and ungainly poles and harsh bunches of cross-arms.

The only thing the eye can rest upon in a city that is

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not necessarily controlled by man, either for good or for bad, is the sky; and while we are most actively conscious of the objects on or near the ground, with which we have immediate practical concern, our feelings of pleasure or depression are largely dependent upon the subconscious effect of the ever-present sky, whether it be bright and soft and beautiful, or overcast with clouds or smoke, or obscured with ugly and inharmonious objects of human interjection. Both in the slightness of the impression it ordinarily makes on the attention and in its immense real effect upon the general sense of pleasure or discomfort, the appearance of the sky and what is seen against it may be compared with the purity of the air habitually breathed or with the degree of noise or quiet in habitual surroundings. The nervous system can be adjusted to almost any constant surroundings so that they cease to be noticeable, no matter how noisy or how foul, but the effect of the conditions upon the health of the nervous system and upon the general sense of well-being does not cease when the attention becomes blunted.

A more immediately striking instance of the damaging effect of poles and wires is to be seen in the splendid view up the Connecticut river from Prospect park. Here the injury is so obvious and the remedy so easy that there should be no serious difficulty in arranging to have the wires strung, in cables or otherwise, on low posts or brackets against the bank of the park so that the view would pass out over them without obstruction.

Other Highway Accessories.

Other objects within highway limits, lamp posts, street signs, hydrants, etc., and especially large structures like bridges, offer in their location and design an interminable series of problems, both large and small, calling for the joint application of technical knowledge, artistic skill and good common sense. In proportion as these qualities are jointly applied to all of such problems the streets of the

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city will improve and in proportion as any or all of these qualities are left out of consideration the streets will suffer. It is only by unusual good fortune that a city can fill its service with men who are thoroughly and adequately strong in all three of the requisite qualities, and practically in order to accomplish good results, the most important thing is that there should be a clear recognition of the natural human limitations of responsible officials and that they should be provided with assistants or with consulting advisors competent to help them out on their short suits. An official may be somewhat short on artistic skill or on technical knowledge or even on both provided he has common sense and the desire and opportunity to get the co-operation of people who are long where he is short, and he will get good results. But somehow or other all three of the above qualities must be brought to bear or the results will be relatively unsatisfactory.

Assuming that the leading responsible officials are reasonably long on common sense it ought to be possible to secure as assistants, if a reasonably permanent tenure could be assured, men having both technical and artistic training. But aside from any doubts about the above premises, it is very hard to find assistants having a technical training in municipal construction work who have any artistic training at all. The artistic aspect of construction work is so generally ignored in the training of civil engineers and most architects and architectural draughtsmen are so lacking in the particular kind of technical knowledge required in municipal work, that the right combination is very hard to find. Men with a sound professional training as landscape architects might come a little nearer to filling the bill than architects, but the number of such men available as municipal employees is too small to be worth mentioning. Practically dependence must be placed mainly on securing assistants whose training has been along engineering lines, leavened if possible by a small proportion who have had artistic training in architecture or otherwise, and on supplementing this

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somewhat one-sided agency by the occasional or regular services of a consulting architect and consulting landscape architect.

Of course when it comes to the design of a school house or the laying out of a park, or the adoption of a radically new water supply or sewage system, it is customary and proper to select and employ for that special undertaking an expert who has proved by his work elsewhere that he has special skill in dealing with such a problem.But it is neither convenient nor economical nor productive of harmonious results to parcel out all the minor constructional problems of a city among independent professional men. Up to a certain limit of magnitude and difficulty the problems ought to be dealt with by a departmental force, the responsible executive head of which is normally an engineer. In cities of moderate size there is one such department under a city engineer, and in very large cities several such departments, under independent chief engineers. But in any case the quality of work turned out by such city departments is apt to be of better all round quality if the responsible executive head has the privilege of informal consultation with certain other experts, especially on artistic matters. The city of New York has recently established the office of consulting architect to the board of estimate and apportionment, an officer who is debarred from undertaking any architectural work for the city on his own account, but whose advice as a consultant is open to any of the city departments that prepare projects for construction to be passed on by the board. The principle is a sound one and ought to be more generally applied.

Treatment of Canal Banks.

The broad canals running through the heart of the manufacturing district form one of the most interesting and characteristic features of the city plan. They occupy a good deal of space and it is obviously desirable to secure

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as an incident to their main use (as a by-product of the development of power, so to speak) as large a return as possible in the way of public enjoyment. They are to be seen and enjoyed from the bridges and, in the case of the second and third level canals, from the adjacent street, and the first consideration for increasing the public enjoyment they give is to avoid needless hindrances and defects in the means of outlook upon them. The outlook from the bridges is generally easy and unobstructed, although views from the roadway and from the far sidewalk across the width of the bridge are sometimes encumbered by trusses rising above the deck of the bridge and by the unnecessary height of the handrail or parapet, and generally the design of the handrail leaves a good deal to be desired in respect to graceful simplicity. These are matters to be dealt with from time to time as the old bridges are reconstructed or new bridges built. From this point of view, regardless of the appearance of the bridges as seen from a distance, it may be said as a general rule that it is desirable to keep the supporting members of new bridges entirely below the deck, leaving it unencumbered, and to make the rails or parapets rather lower than those at present used and expend a good deal of careful artistic study upon the design of the rail or parapet, not with the purpose of elaborating or "decorating" it but of making it serve the purpose of safeguarding passengers in the least conspicuous and ostentatious way, and yet, so far as it draws attention at all, to be graceful and pleasantly proportioned. The simplicity of the railing on the Appleton street bridge over the second level canal is very pleasing, for example, as contrasted with the rather clumsy elaboration of the rails on some of the other bridges.

In the instances where a street follows beside one of the canals it is obviously desirable if the landscape value of the canals is to be appreciated that it should be brought as intimately into view from the street as possible. A close high board fence would be an obvious mistake, but even the prevailing fence of close-set pickets is high enough to cut off

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at least the nearer part of the water from view except when one is leaning over it or walking close beside it. It would not do to omit the fence, but a much lower and more open guard rail would probably answer every practical purpose about as well, with a great gain in the agreeableness of the street. If when the fence is about to be renewed there should be erected in its place one consisting of simple and well proportioned and well spaced concrete posts carrying two iron pipe rails there would be a great gain in appearance as well as in durability. It is needless to say that such a fence might be so designed as to be either ugly or beautiful in its proportions; but it would at least open up the views of the canal to much better advantage than at present.

In considering what could be done to increase the "by-product of beauty" derived from the canals incidentally to their primary purpose, it is necessary to distinguish between those canal banks which are occupied for manufacturing purposes and those which are bordered by a public street. In the first case there is usually, but not always, a narrow lane or private way close to the canal, sometimes with a sloping bank between and sometimes with only space enough for a guard rail on top of a vertical retaining wall. Beyond the lane there are normally factory buildings of all sorts of heights and shapes interspersed with yards and occasional waste spaces and openings left for light and air or for possible future use. Here and there a tree or a short row of trees pushes up a mass of foliage out of one of these spaces. There is no uniformity or regularity, nor can there be; but if one looks along one of these canals in the twilight or on a hazy day when only the broad masses of light and shade can be seen and when hard and ugly details are obscured, the effect is distinctly picturesque. The necessarily varying uses of these banks and the fact that anything done toward making them more beautiful must necessarily hold its place on a very uncertain tenure, liable to unexpected change here and there according to the varying demands of dozens of different industrial establishments, points clear-

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ly toward the wisdom of accepting this accidental and picturesque quality and making the most of it while endeavoring to soften and obscure, as far as may be, harsh and unpleasing details. The two simplest things to do looking toward those ends are the planting of creepers to grow on the buildings and the planting of trees at numerous places where they are not likely to be in the way, taking pains to use trees of a number of different kinds, having a considerable variety of growth as to height, spread and general character. This variety is desirable partly for practical reasons, because in some of the available situations a large growing tree would ultimately be a nuisance while a small one would have plenty of space for growth and partly for the sake of a consistent irregularity of appearance.

The accompanying list of trees and creepers may be suggestive, if in selecting and planting them these points are borne in mind, viz.: (1) There must be suitable soil conditions. If where a tree or creeper is wanted there is not beneath the surface an amply sufficient depth and extent of suitable soil the material must be excavated and replaced by good soil and manure or else the planting might better be omitted; and the fitness of the soil can only be judged by a man who has a good working knowledge of soils and ornamental planting. (2) There should be intelligent discrimination in avoiding at each particular spot any tree the natural shape or size of which when fully grown is likely to make it an encumbrance. (3) Finally, within the limits of choice left open by these practical requirements, the spacing of the trees, especially in the narrow strip along the canal, should be very irregular and there should be a studied irregularity in the distribution of the different kinds of trees.

Along those banks of the canals which are bordered by streets the conditions are different and it is a fairly open choice whether to adopt a simple orderly row of large-growing trees or to continue the irregular treatment. Where

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there are occasional existing trees worth saving or in cases where it is unsafe to calculate upon reasonably systematic care in the future, the irregular type of treatment would be the more reasonable; but ordinarily where the conditions are fairly uniform for a long stretch it would be better to adopt a single kind of tree and plant in a regular row.

II. Public Recreation Grounds.

It is coming to be more and more clearly and widely recognized that sustained high efficiency on the part of our productive workers, both mental and manual, is dependent not only upon adequate food and healthful dwellings, but upon a reasonable amount of proper physical exercise and outdoor recreation, especially during adolescence but also in some degree during mature life. Normal children will take all the exercise and outdoor recreation they need if given a fair opportunity to do so; intelligent and successful business and professional men have the means to do so if they choose, and are gradually learning, under the penalty of physical or mental breakdown, that they must choose—witness the increase of country clubs and the increasing average length of vacations among such men; the bulk of the working population has as yet neither the instinct nor the intelligence to take such exercise and recreation unless the means of doing so are made convenient and attractive.

Obviously the public is bound to safeguard the health and efficiency first of the growing generation, and next of that part of the present productive population that is least provided with the means and knowledge for taking care of itself. We shall therefore first consider playgrounds and then provisions for other kinds of public recreation usually classed under the head of parks.

Playgrounds.

In the past the children of Holyoke cannot have suffered very seriously from any insufficiency in area of public

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playgrounds, not only because the city was small enough to have extensive tracts of vacant land open to them on the nearby outskirts, but because there have been scattered throughout the manufacturing district unoccupied blocks of land held by the Water Power Company to which the boys have had free access until from time to time they have been occupied by new factories.

The time is past, however, when Holyoke can wisely adhere to this "village" policy of leaving the children to find their own playgrounds. If there are to be playgrounds within reasonable distance of the children's homes they must be provided by the city, just as surely as water has to be so supplied after the village period of private wells has passed.

An examination of the school grounds in the city shows that this situation has been recognized and an intelligent attempt made by the city authorities and by the parochial schools to provide playground space in connection with the school houses. On the whole the school grounds of Holyoke impress a visitor as being rather more ample and more intelligently laid out than usual. But that is not saying that they meet the needs of the situaion by any means. There is yet no generally accepted standard as to the extent of school grounds or the character of their equipment by which the actual provision in Holyoke can be measured. Reference is occasionally made to the figure of 30 square feet of playground per capita of school attendance, regarded as a reasonable minimum by the educational authorities in London. But this is to be considered not as a standard of what a city ought to provide, but distinctly as a minimum below which the inadequacy of the playground area becomes so intolerable that it cannot reasonably be borne even in crowded London with its high land values. It is to be borne in mind, too, that ordinarily and properly a considerable fraction of the lot outside of a school building is occupied by steps, by area-ways, and by spaces set apart for decorative plantations of trees, shrubs, vines and turf. On large lots the area

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so withdrawn from actual usable playground need be only a small fraction but on small lots it often occupies the major part of the space; not infrequently, in practice, there is no playground space left at all and the children are crowded into the streets. On school lots of restricted area it would perhaps be fair to assume that two-thirds of the area outside the building could be made completely available for playing, although that is probably a larger proportion than is attained on the average in Holyoke. On this basis, allowing 30 square feet of actual playing space to each child, the minimum allowance of school grounds outside the building should be 45 square feet per capita.

The following table shows the area of school yards in relation to number of pupils in all the Holyoke schools for which we secured definite data.

TABLE SHOWING AREAS OF SCHOOL LOTS IN HOLYOKE, MASS., IN RELATION TO NUMBER OF PUPILS.

Name of Building.	Area of Lot Sq. Ft.	Area Covered by Bld'g Sq. Ft.	Open Area of Lot Sq. Ft.	No. Pupils Belonging 1906	Open Area Per Capita Sq. Ft.
Appleton St. School,	24,400	7,040	17,360	426	40
Bridge St. School,	14,279	5,732	8,547	144	59
Elm St. School,	20,900	8,570	12,330	349	35
Hamilton St. School,	19,465	10,140	9,325	601	15
High School,	103,840	38,250	65,590	610	107
Highland Grammar,	94,960	15,272		513	
Nonotuck St. School,	29,176	5,343	23,833	234	102
No. Chestnut St. School,	18,600	4,750	13,850	429	32
Park St. School,	24,315	5,697	18,618	360	52
Sargeant St. School,	41,575	19,550	22,025	400	55
Springdale Grammar,	30,000	5,760	24,240	234	103
West Street Grammar,	40,000	19,140	20,860	573	36
So. Chestnut St. School,	26,840	6,545	20,295	475	42

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It will be seen that half of these schools, attended by 59 per cent of the children, have an allowance less than the minimum above discussed.

But it does not follow that the remaining 41 per cent of the children have even the minimum allowance of playing space. The high school, for example, although it has at present an allowance of 107 square feet of ground per pupil has not one square foot of playground, the whole area being occupied in lawn, paths and decorative planting. Moreover, the character of the building and its position on the lot are such that it would be difficult if not impossible to provide even the minimum of 30 square feet of playground for each pupil without making a rather ugly botch of the grounds and seriously impairing the dignity and aesthetic value of this important public monument.

But aside from a general deficiency in area and a decidedly inequitable distribution of that area, there is a marked shortcoming in two particulars. All of the playgrounds are plain open gravel areas, sometimes shaded with trees and in a few instances made attractive by a little shrub planting in protected corners and strips about the edges. At its best this type of playground is undoubtedly the most profitable way to utilize the major portion of the average school ground. It provides a place for a great variety of concentrated active play on the part of children of the middle and upper grammar school grades. The hurly-burly of such a playground, however, does not provide properly for the very young children in the lower grades. They need playground spaces separate from the rough activities of the older children where they can have some special provisions for their own kind of play, such as sand boxes, and where they can have a nice clean lawn to play on, for under the moderate stress of such little children's play it is possible to maintain turf which would not outlast a single season under the trampling of the larger boys and girls. At the other end of the scale, the lack of differentiation in the play-

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grounds bears hardest upon the older girls, who have, normally and properly, neither the strength nor the disposition to take part in the rough and active play of the general playground; but it is also true that the older boys need a much larger space per capita than the average for all school ages and with their increasing strength and energy and independence need more specialized athletic provisions and more skilful guidance and control if their energies are to be kept in profitable channels.

That pregnant saying, "The boy without a playground is father of the man without a job," applies particularly to the period of the upper grammar school grades and at the high school, when energies are most active, when the influence of other youths who have passed beyond school control is strongest, and when undesirable habits and associations are most likely to be formed. And it is just here, by providing adequately for healthy athletic sports not confined to the school boys but open also to the young men who have passed beyond the school age, that an immensely valuable opportunity exists for mending the weakest spot in our educational system. It is a most pernicious but most widespread idea that education and the regular business of life are two distinct things and that education normally stops when productive work begins. An immense educational value flows from the indirect personal influence on the pupils exerted by men and women of the sort that make good school-teachers, and to extend this personal influence beyond the tasks of the school room and especially beyond the school age into the period after wage-earning begins would save many young working people from settling down suddenly to a life made up of productive drudgery on the one hand and of unprofitable amusement and loafing on the other.

Function of Neighborhood Recreation Grounds.

The playground and athletic field for the older school boys and for young men, the outdoor gymnasuim and the gymnasium under shelter, with its accompanying facilities

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for personal cleanliness, both for boys and men and for girls and women, and the association of these things when under public control with the influences of school and public library or when under private control with the influence of religion, as in the work of the Young Men's Christian association, are current developments of our civilization in its struggle to maintain and advance the standard of citizenship which no progressive city can afford to ignore. They are logical developments of the public school system which are coming into being all over the country in response to an unmistakable public demand whether their provision and administration is undertaken by school department or park department or by a special bath or gymnasium department. The method of dealing with the problem must be worked out in each city to meet its particular needs and conditions, but the first step is the square recognition of the duty, to be met as rapidly and as well as circumstances permit, of providing within convenient reach of every home in the city not merely facilities for book learning but facilities for the healthy development of body and mind, including, on the outdoor side, (1) specialized provision for babies and little children, preferably associated with park-like resting places where their mothers can sit and watch them while doing a bit of sewing, knitting or other handiwork, (2) provision for the active games of children of intermediate age, especially in immediate connection with the schools, (3) provision for the athletic activities of boys and men, with bathing facilities and under the control and guidance of suitable teachers or directors, (4) similar provision for girls and women, (5) provisions for the less active forms of outdoor recreation in parks designed to afford mild forms of exercise in the presence of refreshing scenery.

It is a large order and it cannot be filled all at once, but more and more generally cities are coming to recognize that they have got to fill it sooner or later if they are to remain centers of healthful activity, and more and more generally they are taking steps toward equipping themselves.

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Selection of Sites.

In the situation in which Holyoke finds itself, the most pressing matter seems to be the acquisition of lands for such recreation grounds, especially in the down town wards, before the vacant lands are all built up. No sound general rule can be given as to the extent of such lands required, and since convenience of location and economy(both in the first cost of the land and in the cost of putting it into condition to use) are of much more consequence for most of the purposes in view than any natural advantages in the way of scenery, it would be a waste of time to make specific recommendations without any figures on land values. It may be said, however, that it is generally convenient and economical to group several of the functions discussed above into single neighborhood recreation centers, that there should ultimately be such a center within not more than half a mile of every home in the close built portion of a city, that something like five per cent of the total area of fully occupied city is needed fairly to meet the need for neighborhood recreation grounds of varying sorts, and that experience seems to indicate that if the area of such grounds is subdivided into blocks smaller than about ten acres each its administration and maintenance become more costly in proportion to the value of the results than if the individual grounds are larger.

Special Park Sites.

Normally as indicated above, the chief criteria in selecting sites for neighborhood recreation grounds are: first, convenience of location in relation to the population to be served; second, a low price for the land; and third, the absence of conditions that would make it impracticable or unreasonably costly to adapt the land successfully to its purpose and to maintain it. The last is a negative requirement, but it sometimes happens that sites are to be found having peculiar and positive advantages for certain kinds

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of public recreation, most frequently for the enjoyment of landscape beauty of some sort, and in such cases unless there are serious objections on the score of inaccessibility or cost of land, a decided preference should be given such sites. And there are some very strong reasons for securing sites of this sort in advance of others that may also be needed to supply the requirements of a given district, even though they may not be suited to so many different kinds of public recreation as the others. The first is that the qualiies giving them peculiar value for park purposes do not generally contribute to their market value for building purposes, sometimes quite the reverse, as in the case of land which is so hilly that it commands fine views but would require much grading to convert into good building lots; in other words, the ratio of their park value to their market value is at present abnormally high; but under continued private control there is a constant inducement to reverse the ratio, either by neglect or by deliberately undertaking what are "improvements" from the point of view of market value and serious injury from the point of view of park value. Moreover, as such opportunities are usually few in number and peculiar in kind, if one of them is lost through delay it is usually impossible to find a fair substitute even at an increased cost. It pays, therefore, to look up such opportunities and secure them even in advance of an immediate and pressing need for their use by the public.

We emphasize this point because we do not believe in the wisdom of the policy, frequently advocated, of a city's acquiring lands in advance of the actual need for their use merely because the market price and therefore their cost to the city are likely to be greatly enhanced if their acquisition is postponed. The judgment of the business community which determines the market value of lands at any given time, can be relied upon to discount the probable increase in value a good deal more accurately, on the average, than any city officials. But where a park site has peculiar nat-

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ural advantages that are likely to be destroyed in case its acquisition is delayed, it does clearly pay to purchase it in anticipation of future needs.

Prospect Park.

Prospect park, a possession of which the city may well be proud, is a good example of such a location having peculiar park values. It does not contain a large area in itself, but those who resort to it enjoy the beauty of a spacious and charming landscape almost as fully as if the city owned several square miles of country. The refreshment and pleasure to be derived from a stroll along the promenade in Prospect park overlooking the great sweep of the Connecticut valley is of real value, especially to people who have been cooped up all day long in work-shop or tenement, and this value is felt by a large number of people; it is by far the greatest value attaching to the park and one to which every other feature of the park should be considered a mere supplement and support. This immense public value is practically secured by the control of two narrow strips of ground. One of these, about twenty feet wide, is that occupied by the path along the top of the bluff from which the view is seen. This would have a market value scarcely greater than the same numebr of square feet of good building land anywhere else in the neighborhood. The other includes the sloping face of the bluff necessary to the control of the view because trees, buildings ,advertising signs or other structures upon the slope would cut it off from the path. This slope has almost no market value at all as building land. Yet for a park, ten times the area without the view would not compare with it.

There are certain other opportunities of a closely similar sort which it would be extravagant for the city to waste through neglect. Two of them are apparent upon a very superficial examination.

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North Bluff.

The first opportunity is the continuation to the northward of the bluff occupied by Prospect park. For some little distance beyond the park the space between Prospect street and the river is in actual use, being occupied by a few buildings and a lumber-yard. In this section the only thing likely to be done under continued private ownership that would make its later acquisition and development as a park more costly is the erection of additional buildings or other private improvements of considerable value. Except in so far as this danger may arise the time of acquiring this land might be allowed to depend upon favorable negotiations with the several owners. It is likely that the continued shoaling of the bend in the river and the probable relocation of the railroad will eventually put the lumber-yard out of business and it might be cheaper to await these developments than to interfere with an established and going industry. In the long run, however, this tract certainly ought to come into the hands of the city. Beyond this tract the bluff appears to be for the most part unoccupied and covered with a rather poor growth of trees except where the surface has been cut into and converted into a steep sliding sandbank. It would probably pay to acquire the face of the bluff and a strip along the top wide enough for liberal paths and a few shade trees at an early date, before the private developments now extending out in this direction go so far as to complicate the situation, and in order that whatever is good in the way of tree growth may be adequately protected. The vitality of the trees is now being ruined by neglect, mainly through the constant recurrence of apparently trifling little fires that scorch the bark of the trees and injure the soil.

With such contractions, enlargements and modifications as may be suggested by close study of the physical conditions and the real estate values, this principle of public acquisition of the bluff could wisely be applied all the way to the Northampton line. It is hard to overestimate the value

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of such public holdings in the future as the land to the west becomes built up. Beautiful, spacious and refreshing as the views from the bluff are, few can fully appreciate them because of their relative inaccesibility and because most of the best outlook points are obscured by the density of the foliage. To leave all this river bank in private control means to exclude the public forever from a priceless opportunity of recreation. Few cities are situated upon a great and beautiful river like the Connecticut, and fewer still have so bold and lofty a bank from which to command a prospect of it.

South Bluff.

South of the city there is another bluff, not so close to the river's edge, but also commanding an extensive and pleasant prospect. It begins to be noticeable just south of South street and runs along for perhaps three-quarters of a mile on a line just east of Brown street, with the railroad at its foot. The face of the bluff is naturally about as steep as earth can stand but has been covered and protected from washing by a continuous mat of tree roots and other vegetation. It is so steep that it cannot possibly be utilized for building or in any other directly productive way and as private property is just so much waste land. Being neglected and frequently burned over by ground fires, undermined at a few places by the railroad cut, and at an increasing number of points overspread by ashes, gravel and rubbish dumped over the upper edge, the vegetation is rapidly being killed off and the bluff is on the way to become a bare slipping bank of gravel, sand and rubbish, conspicuously ugly as seen from the eastward and involving the railroad and the landowners in the joint (and quarrelsome) burden of preventing the loose material from constantly dribbling down on to the railroad location. From every point of view it would be an advantage if the face of the bluff were to pass into public hands together with a narrow margin at

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the top sufficient for a promenade. The cost of properly maintaining the face of the bluff with a cover of vegetation if intelligently undertaken would be a trifling price for the public to pay for the opportunity of getting the promenade and its views, while the private land-owners would be relieved of a burden likely to prove much more troublesome if neglected than any of them now realize. In places the margin between Brown street and the top of the bluff where the promenade would run is now occupied by buildings, which would be left undisturbed with little or no curtailment of the available area of the lots. In other places are vacant lots which would be enhanced in value by the presence of a park along their easterly edge far more than they would be damaged by a slight curtailment in depth At other points the edge of the declivity comes so close to Brown street that there is no available building space worth mentionoing and at such points Brown street would naturally form the edge of the park and the vegetation would be so handled as to keep the view open from the street itself.

The River's Edge.

It is probable that at various points along the edge of the river between the heart of the city and its southern boundary strips or blocks of park land could be secured to advantage. It is obvious that in such a location a given area of park land would have the marked advantage over an equal area just away from the river of controlling an outlook over the wide expanse of water toward distant trees and hills, together with the incident advantage of boating facilities. Within a factory district the special advantages of building sites near the river, with which a park strip might conflict, lie in the use of the river water for condensers and for various mechanical purposes and in the convenience of the river as a place for disposing of waste materials. To the former a narrow park need offer no impediment other

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than a slight lengthening of the intake and outlet pipes, and in so far as the waste material is not of a character which it is against public interests to put in the river most of it can without objection be carried across a narrow park in pipes or conveyors.

Opposite all the central part of the city an important branch freight track of the Holyoke and Westfield railroad follows close to the river bank, and it is obvious that no park in the ordinary sense of the term nor playground can be placed next the river in that locality. There is only a very narrow strip of irregular width between the railroad and the water, a strip mostly covered with trees and entirely unused at most points except by tramps and occasional fishermen. It is not improbable that considerable parts of this little waste fringe of land might ultimately be made to afford a good deal of public recreation if they should be taken over by the city (subject to rights-of-way for pipes and conveyors), fenced off from the railroad for safety. provided with a path, and made accessible to the factory population in Ward 1 by steps down from the county bridge and by foot-bridges over the railroad at the end of Mosher street and perhaps at other points.

Outlying Reservations.

In addition to the vitally important local parks and recreation grounds such as we have discussed above, it has become fully recognized that it is a great advantage to an urban industrial community if its people have the opportunity of easily getting entirely away from the city when they can take half a day off. Trolleys and the bicycle give a range of holiday excursion into the country to the mass of urban population except in the biggest mertopolitan centers that was formerly enjoyed only by the well-to-do, and in a city like Holyoke, surrounded on all sides by a region of much natural beauty, the people are exceptionally fortunate in this respect.. But while a trolley ride is refresh-

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ing it is by no means as beneficial merely to whirl out in the noisy hurrying car and then whirl back again, as it is to stop and get out for a while into personal contact with the quiet things of the country. Moreover, some definite objective is generally needed to start people off on an excursion, whether by trolley or bicycle or otherwise. It is solely for the latter reason that electric railways establish reereation parks, and if they do to some extent fulfill the former purposes, it is only incidentally and to a very secondary degree. They must of necessity sater to the more obvious and exciting forms of recreation and those which will draw large numbers to a relatively small space, for the sake of economy in plant and operation. However popularly attractive, these are upon the whole just the least beneficial forms of country amusement for people whose nerves are in need of rest, and to make it reasonably easy and attractive for the mass of the people to get the quieter and most restful kinds of rural recreation which cannot be supplied at a commercial profit is one of the modern burdens which cities are learning that they have got to shoulder. The problem is to give people access to land where they can stroll or picnic in the midst of pleasant rural scenes in tolerable comfort and safety without injuring or trespassing upon private property. The need grows rapidly with the growth of cities in population but it is perhaps not very pressing upon Holyoke as yet. It so happens, however, that the foundation of just such provision as will be in constantly increasing demand in the future has already been laid. Holyoke now owns a large extent of land well adapted to afford public enjoyment of rural scenery in the reservations which surround the reservoirs. The ultimate value of these tracts for purposes of public recreation should be very large. The degree of their beauty and usefulness over and above their direct practical value as water reserves fifty or a hundred years from now will be dependent mainly on the precise character and distribution of the woods, of

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the meadows and of the scattered trees then to be seen on them; these in turn will be dependent upon where and of what sorts and under what conditions the trees and saplings and seedlings of the present generation are allowed to grow. The beauty of these tracts therefore will depend mainly on these three things: (1) whether vigilant pains are taken year in and year out to prevent fires from getting into the woods, (2) whether certain areas are constantly maintained as open grass land free from the natural encroachment of brush and woods (either by mowing or by pasturing or otherwise) but provided with the right number of scattered trees upon the greensward, for shade and landscape effect, and (3) whether certain other areas are allowed and induced to grow up to the right sort of woods by the judicious use of the axe. Of course if money is going to be spent on roads and paths they should be skilfully and intelligently planned so as to exhibit the existing and future beauties of the landscape to good advantage, so as to be convenient and safe and so as to be as little costly of maintenance as possible; and if any money is to be spent on planting it should be done so as to contribute to the best result the landscape is capable of; but the vital thing in the long run is going to be the skilful direction of the common, ordinary, necessary maintenance work, such as mowing, leasing out pasturage (if done at all) and the selective cutting of brush and cord wood in such a way as to develop gradually and systematically a consistent and beautiful tract of sylvan landscape about the lakes.

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LIST OF TREES SUGGESTED FOR PLANTING ALONG CANALS.

LARGE AND MEDIUM SIZED.

Acer platanoides—Norway Maple.

Acer rubrum—Red Maple.

Aesculus hippocastanum—Horsechestnut.

Betula nigra—River Birch.

Fraxinus pubescens—Red Ash.

Platanus occidentalis—American Plane.

Populus bolleana—Bolle's Poplar.

Populus monilifera—Carolina Poplar.

Quercus alba—White Oak.

Quercus bicolor—Swamp White Oak.

Quercus palustris—Pin Oak.

Quercus rubra—Red Oak.

Salix alba—White Willow.

Salix pentandra—Laurel-leaf Willow.

Salix, other sorts—Willow, other sorts.

Tilia americana—Basswood.

Ulmus americana—American Elm.

Ulmus campestris—English Elm.

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SMALL SIZED.

Amelanchier canadensis—June-Berry.

Carpinus betulus—European Hornbeam.

Carpinus caroliniana—American Hornbeam.

Catalpa bignonioides—Catalpa.

Cornus florida—Flowering Dogwood.

Carategus, of sorts—Thorn, of sorts.

Kolreuteria paniculata—Varnish Tree .

Magnolia, of sorts—Magnolia, of sorts.

Ostrya virginica—Ironwood.

Pyrus, flowering crab, of sorts—Flowering Crab, Apple, of sorts.

Rhus cotinus—Smoke Tree.

Rhus typhina—Staghorn Sumac.

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LIST OF CREEPERS SUGGESTED FOR PLANTING ON BUILDINGS ALONG CANAL.

Actinidia polygama—Silver Sweet Vine.

Akebia quinata—Akebia.

Ampelopsis quinquefolia—Woodbine.

Ampelopsis veitchii—Japanese Ivy.

Clematis, of sorts—Clematis, of sorts.

Euonymus radicans carrieri—Long-leaved Evergreen Creeper.

Euonymus radicans vegetus—Round-leaved Evergreen Creeper.

Tecoma radicans—Trumpet Vine.

Wistaria sinensis—Wistaria.

Notes—All of the vines excepting the Ampelopsis veitchii and the Euonymus radicans will require wires, attached to the buildings, to cling to for support. An excellent method is to use twisted galvanized iron ribbon, about half an inch wide, or less, held in place by eyes about one and one-quarter inches outside diameter, the shanks of which have been let into the walls of the buildings. In addition to vertical wires, there should be wires running horizontally under the eaves or cornices of the buildings and in some cases at the height of the different floors between the windows. The Bignonia radicans might also get along without wires. Should it develop that this vine also needs wires they can be provided later.

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REPORT OF

CITY AUDITOR.

To the Honorable, the Mayor, and Board of Aldermen:

GENTLEMEN:—I present herewith the annual statement of the receipts and expenditures for the fiscal year 1907 in the form and manner suggested by the National Municipal League.

I beg to further report that I have audited the accounts of the Water Department, Gas and Electric Department, Tax Collector, City Clerk, Milk Inspector and Sealer of Weights and Measures and found them correct, with the receipts properly recorded and promptly deposited, and the expenditures approved in due form.

The report also contains other matters pertinent to the financial side of the city's business which may prove of interest.

Respectfully submitted,

D. W. KENNEY, City Auditor.

SCHEDULE A—I.

RECEIPTS AND DISBURSEMENTS OF THE FISCAL YEAR.

Consolidated Statement.

Cash balance, Dec. 1, 1906		$142,638.72
Actual receipts* during the year	$1,608,404.22	
Actual expenditures* during the year	1,634,648.07	
Excess of disbursements		26,243.85
Cash balance, Dec. 1, 1907		$116,394.87

* Omitting duplications

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SCHEDULE A—II.

GENERAL EXHIBIT OF RECEIPTS AND EXPENDITURES OF THE FISCAL YEAR.

	Receipts	Expenditures
Ordinary, (Operation and maintenance) (For details see Schedule A-III.)	$1,430,527.10	$1,468,364.76
Extraordinary, (Construction, etc.) (For details see Schedule A-III.)	177,877.12	165,078.09
Total Actual Cash Transactions of the Year (Omitting duplications)	$1,608,404.22	$1,633,442.85
Trust Funds (For details see Schedule A-V.)	1,589.97	1,205.22
	$1,609,994.19	$1,634,648.07
Temporary Accounts (For details see Schedule A-VI.)	766,000.00	721,000.00
Abatements, Duplicated Receipts and Payments	176,516.84	281,044.65
Total transactions	$2,552,511.03	$2,636,692.72

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Ordinary has relation only to the current revenues and "running expenses" (operation and maintenance), and does not include receipts or payments on account of loans, or on account of permanent construction or other capital accounts.

Extraordinary has no relation to current revenue or running expenses, but does include receipts and payments on account of loans, and for permanent construction and other capital accounts.

Trust funds include all receipts and payments of the city when acting as trustee or as agent for funds, trusts, special deposits, etc., which cannot be used except for particular and specified purposes.

Temporary accounts include, in addition to receipts and payments which are simply items paid in, temporarily held, and paid out again; also payments duplicated on the funded debt, sinking funds and interest accounts owing to the separate and distinct systems which prevail between the City, Water Department and Gas and Electric Department.

ACTUAL FINANCIAL RESULTS OF THE OPERATION AND MAINTENANCE OF THE CITY FOR THE YEAR.

Ordinary receipts, as above, from taxation and other sources, not including money borrowed, ...	$1,430,527.10
Ordinary expenditures, as above, for operation and maintenance (running expenses)	1,468,364.76
Excess of ordinary expenditures for the year	$37,837.66
Excess of extraordinary receipts.....	$12,799.03

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SCHEDULE A—III.

EXHIBIT OF RECEIPTS AND EXPENDITURES FOR THE YEAR, ORDINARY AND EXTRAORDINARY GROUPED ACCORDING TO FUNCTIONS.

ORDINARY*

	Receipts	Expenditures
General Administration	$ 1,892.34	$ 49,189.64
Public Safety (Protection Life, Health and Property	7,879.47	186,158.53
Public Charity	10,757.24	60,914.96
Public Highways and Sanitation	2,131.69	140,563.35
Municipal Enterprises	453,143.40	479,383.80
Public Education, Library	17,689.44	244,039.28
Public Recreation	68.70	18,675.08
Public Indebtedness		305,355.16
Public Interest	22,196.09	122,913.88
Taxation	908,456.46	142,202.23
Special Assessments	6,327.11	13.50
Trust Funds	1,589.97	1,205.22
Temporary Accounts	766,000.00	721,000.00
	$2,198,133.91	$2,471,614.63
Less Duplications, Refunds, Payments, Abatements and Transfers	16.84	281,044.65
	$2,198,117.07	$2,190,569.98

EXTRAORDINARY.*

	Receipts	Expenditures
General Administration		
Public Safety (Protection Life, Health and Property	$ 26,800.00	$ 22,744.95
Public Charity		
Public Highways and Sanitation	83,200.00	73,657.36
Municipal Enterprises	35,247.59	22,000.00
Public Education, Library	13,500.00	37,175.78
Public Recreation	18,000.00	9,500.00
Public Indebtedness	176,500.00	
Public Interest	1,129.53	
Taxation		
Special Assessments		
Trust Funds		
Temporary Accounts		
	$354,377.12	$165,078.09
Less Duplicated Receipts	176,500.00	
	$177,877.12	$165,078.09

* For details see Schedule A-IV.

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SCHEDULE A—IV.

EXHIBIT OF RECEIPTS, APPROPRIATIONS AND EXPENDITURES, DIVIDED INTO ORDINARY AND EXTRAORDINARY, ARRANGED BY DEPARTMENTS AND DIVISIONS AND GROUPED ACCORDING TO THEIR FUNCTIONS AS IN THE PRECEDING SCHEDULE.

1. GENERAL ADMINISTRATION.

	Receipts		Expenditures	
	Ordinary	Extra-ordinary	Ordinary	Extra-ordinary
1-1 Mayor's Department			$2,537.62	
1-2 Aldermen, Clerk, Messenger				
City Messenger's Department			1,350.43	
Clerk of Committees			150.00	
Aldermen, Legislative Expenses			666.27	
City Clerk's Department			2,045.55	
Recording Births, Marriages and Deaths	$ .50		1,764.43	
1-3 Law Department				
City Solicitor			1,584.14	
Legal Services, Other Attorneys			429.00	
Litigation Expenses			169.69	
1-4 Finance				
Auditing Department			3,192.24	
Assessors			6,800.00	
Treasurer			4,224.14	
Tax Collector			4,940.65	
Sinking Fund Officials			75.00	
Expert Auditor			354.25	
1-5 Elections				
Election Expenses, City Clerk			1,306.99	
Election Registrars of Voters			820.00	
Election polling places, rent, etc.			1,388.84	
Election Officers & Special Police			1,724.00	
1-6 Miscellaneous				
License Commission			1,306.17	
Printing, Advertising & Sundries			1,514.91	
	$ .50		$38,344.32	
1-7 City Hall				
Rentals	$1,875.00			
Care and Maintenance			1,967.50	
Repairs } Board of Public Works			4,311.98	
Water } Board of Public Works			167.62	
Fuel } Board of Public Works			874.68	
Lighting } Board of Public Works			3,506.70	
Service Transfer	16.84		16.84	
	$1,891.84		$10,845.32	
Total General Administration	$1,892.34		$49,189.64	

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SCHEDULE A—IV—Continued.

2. PUBLIC SAFETY. (Protection of Life, Health and Property.)

	Receipts		Expenditures	
	Ordinary	Extra-ordinary	Ordinary	Extra-ordinary
2-1 Police Department				
Maintenance			$60,727.09	
Fines—Police Court	$4,877.04			
Fines—Hampden County	689.00			
	$5,566.04		$60,727.09	
2-2 Fire Department				
Engine		$1,800.00		
Salaries			$75,856.25	
General Expenses			24,228.09	
Materials	$461.50			
Repairs, Buildings (Board of Public Works)			2,050.88	
Fuel " "			1,960 40	
Light and Power " "			1,112.20	
Water, Buildings " "			191.53	
Water, Hydrants " "			5,120.00	
Highland Engine House " "		7,000.00		$7,000.00
	$461.50	$8,800.00	$110.519.35	$7,000.00
2-3 Health Department				
Salaries			$3,499.54	
Medical Inspection			525.00	
General Expenses	$2.45		1,554.10	
Inspector Milk and Vinegar	7.40		1,688.79	
Inspector Provisions and Animals			312.50	
Hillside Hospital-care			180.00	
Hillside Hospital-fuel			36 25	
Hillside Hospital-repairs			17.10	
Contageous Diseases	150.47		768,60	
	$160.32		$8,581 88	
2-4 Inspectors				
Superintendent of Buildings			$1,499.41	
Inspector of Plumbing			1,867.70	
Sealer of Weights and Measures	$660.38		2,011.31	
	$660.38		$5.378.42	
2-5 Armory, Sundry Buildings				
Armory	$825.00			
Rifle Range			$75.55	
Sundry Buildings:				
Sundries	166.23			
Repairs			319.78	
Fuel			16.75	
Water			319.00	
Weather Bureau, Lighting			24.75	
City Yard Building, Lighting			76.70	
City Yard Building, Fuel			36.25	
City Yard Building, Repairs			83.01	
City Yard Building	40 00	$18,000 00		$15.744.95
	$1,031.23	$18,000.00	$951.79	$15,744.95
Total Public Safety	$7,879.47	$26,800.00	$186,158.53	$22,744.95

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SCHEDULE A—IV—Continued.

8. PUBLIC CHARITY.

	Receipts		Expenditures	
	Ordinary	Extra-ordinary	Ordinary	Extra-ordinary
8-1 City Farm				
City Farm, Products	$ 727.05		$20,725.84	
Almshouse	1,082.30			
Repairs } Board of			2,284.38	
Fuel } Public Works			4,896.69	
8-2 Outdoor Relief				
Salaries			2,575.01	
City Physician			1,200 00	
General Expenses			391.95	
Individuals	*83.25			
City, Out-door Relief			17,128.92	
City, Hospital Relief			1,516.50	
City, Burials			268.00	
State, Out-door Relief			2,088 41	
State, Hospital Relief	2,771.87		734.00	
State, Burials			272.00	
Other Cities and Towns, Out-door Poor			1,850.26	
Other Cities and Towns, Hospital Relief	2,761.77		355 00	
Other Cities and Towns, Burials			96 00	
	$7,376.24		$56,377.96	
8-3 Miscellaneous				
State Aid	$2,685 00		$ 2,737.00	
Military Aid	556.00		978.00	
Soldiers' Relief			606.00	
Soldiers' Burial	140.00		214.00	
	$3,381.00		$ 4,537.00	
Total Public Charity	$10,757.24		$60,914.96	

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SCHEDULE A—IV—Continued.

4. PUBLIC HIGHWAYS AND SANITATION.

	Receipts		Expenditures	
	Ordinary	Extra-ordinary	Ordinary	Extra-ordinary
4-1 Administration				
Engineering Department			$ 7,500.00	
Board of Public Works, Salaries			3,200.00	
Superintendent of Streets, Salaries			2,000.00	
Office Force, Salaries			2,367.14	
General Expenses			721.22	
			$15,788.36	
4-2 Highways				
Railroad Crossing		$35,000.00		$ 1,426.37
Opening, Grading and Widening Streets			$ 5.26	1,961.13
Maintenance	$ 132.24		12,253.61	
Crosswalks			2,303.59	595.59
Forestry			663.65	
Road Rollers				2,266.50
4-3 Paving, Macadamizing				
Streets, Paving	$1,612.44	$35,000.00	$ 762.59	$22,827.17
Streets, Macadamizing			105.38	16,725.40
Alleys	71.95			
4-4 Bridges				
Maintenance			$ 1,868.27	
Lighting	2.20		693.12	
Snow Removal			428.26	
4-5 Street Cleaning				
Paved Streets			$ 6,432.61	
Gravel Streets			3,050.99	
4-6 Snow Removal				
Street Railway Tracks			$ 782.77	
Streets			1,772.04	
	$1,818.83	$70,000.00	$31,122.14	$45,792.16
4-7 Sidewalks				
Curbing and Sidewalks (New Work)		$ 5,200.00	$ 2,089.92	$ 6,692.88
Repairs and Maintenance	$ 231.38		10,131.62	
Snow Removal			308.69	
	$ 231.38	$ 5,200.00	$12,525.23	$ 6,692.88
4-8 Street Lighting				
Lighting Streets			$29,693.39	
Transformer			27.82	
			$29,721.21	
Carried Forward	2,050.21	75,200.00	89,156.94	52,485.04

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SCHEDULE A—IV—Continued.

	Receipts		Expenditures	
	Ordinary	Extra-ordinary	Ordinary	Extra-ordinary
Brought Forward	2,050.21	75,200.00	89,156 94	52,485.04
4-9 Street Sprinkling				
Street Fountains, Water			$ 2,243.00	
Street Fountains, Repairs			594 36	
Maintenance			10,760.57	
Water			1,830-83	
			$ 15,428.76	
4-10 Refuse, Collection and Disposal				
Collection ashes, Pay-roll			$ 22,933.33	
Collection House Offal			1,746.60	
Sundry Bills			389.24	
			$ 25,069.17	
4-11 Sewers				
Maintenance	$ 68.58		$ 5,636.20	
Construction	12.90	$ 8,000.00	2,654.49	$21,172.32
	$ 81.48	$ 8,000.00	$ 8,290.69	$21,172.32
4-12 Miscellaneous				
Damages to Persons and Personal Property			$ 2,617.79	
			$ 2,617.79	
Total, Public Highways and Sanitation	$2,131.69	$83,200.00	$140,563.35	$73,657.36

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SCHEDULE A—IV—Continued.

5. MUNICIPAL ENTERPRISES.

	Receipts		Expenditures	
	Ordinary	Extra-ordinary	Ordinary	Extra-ordinary
5-1 Water Works				
Construction			$ 31,034 26	
Maintenance			44,407.83	
Water Rents	$122,421.72			
Materials, Labor, etc	4,716.18		10,146.94	
Interest, Meters	1,922.66			
Interest, Bank Deposits	376.66			
Sinking Fund Appropriation			9,600.00	
Taxes			22,314.93	
Interest on Bonds			13,750.00	
	$129,437.22		$131,253.96	
5-2 Gas Plant				
Gas	$149.090.50			
Coke and Tar	13,638.07			
Sundries	3,100.43			
Extensions		$22,000.00	$ 22,984.68	$22,000.00
Operation and Maintenance			112,101.44	
Interest			14,418.39	
Bonds			19,396.00	
Interest Accrued		131.22		
	$165,829,00	$22.131.22	$168,882.51	$22,000.00
5-3 Electric Light & Power Plant				
Electric Light and Power	$156,342.97			
Sundries	1,584.21			
Extensions		$13,000.00	$ 54.727.14	
Operation and Maintenance			80,922.06	
Interest			12,786.11	
Bonds			17,202.00	
Interest Accrued		116.37		
	$157,877.18	$13,116.37	$165,637.33	
5-4 Holyoke & Westfield Railroad				
Dividend			$ 13,610 00	
			$ 13,610.00	
Total Municipal Enterprises	$453,143.40	$35,247.59	$479,383.80	$22,000.00

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SCHEDULE A—IV—Continued.

6. PUBLIC EDUCATION.

		Receipts		Expenditures	
		Ordinary	Extra-ordinary	Ordinary	Extra-ordinary
6-1 Schools					
County of Hampden, Dog Tax		$ 2,200.30			
Tuition		449.14			
Salaries, Teachers, Day				$142,237.32	
Salaries, Teachers, Evening				5,397.00	
Salaries, Supervisors				4,250.00	
Salaries, Supt., Clerks				5,083.33	
Salaries, Truant Officers and Census				3,102.66	
Salaries, Janitors				2,971.19	
Salaries, Special Help, Labor				128.00	
Text Books and Supplies				13,975.77	
Rentals				1,608.00	
Transportation				622.50	
Care of Truants				253.42	
Furniture and Building Supplies				2,246.57	
Printing and Advertising				1,175.03	
Sundries		40.00		2,381.33	
		$ 2,689.44		$185,432.12	
Repairs	Board of Public Works			$ 15,565.70	
Janitors' Salaries				13,062.35	
Janitors' Supplies				485.11	
Fuel				12,071.85	
Lighting				1,080.90	
Power				1,928.14	
Water				1,913.11	
Ward Two School			$ 4,500.00		$28,175.78
Oakdale School			9,000.00		9,000.00
East Dwight St. School		$15,000.00			
		$17 689.44	$13,500.00	$ 46,107.16	$37,175.78
Total for Schools		$17,689.44	$13,500.00	$231,539.28	$37,175.78
6-2 Public Library					
Appropriation				$ 12,500.00	
Total Public Education		$17,689.44	$13,500.00	$244,039.28	$37,175.78

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SCHEDULE A—IV—Continued.

7. PUBLIC RECREATION.

	Receipts		Expenditures	
	Ordinary	Extra-ordinary	Ordinary	Extra-ordinary
7-1 Parks				
Lighting			$ 1,144.05	
Maintenance			9,877.46	
Construction and Improvements		$18,000.00	5,242.22	$2,000.00
Materials	$68.70			
Land				7,500.00
	$68.70	$18,000.00	$16,263.73	$9,500.00
7-2 Baths				
Maintenance			$ 1,186 18	
Water			330.17	
			$ 1,516.35	
7-3 Celebration				
Memorial Day			$ 450.00	
Veteran Firemen's Muster			400.00	
Cape Cod Pilgrim Monument			45.00	
			$ 895.00	
Total Public Recreation	$68.70	$18,000.00	$18,675.08	$9,500.00

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SCHEDULE A—IV—Continued.

8. PUBLIC INDEBTEDNESS. (Transactions During the Year.)

	Receipts		Expenditures	
	Ordinary	Extra-ordinary	Ordinary	Extra-ordinary
8-1 Receipts from Loans, Excluding Temporary Tax Loans				
Park Bonds		$ 18,000.00		
School Bonds		13,500.00		
Sundry Municipal Bonds		110 000 00		
Gas and Electric Light Bonds		35,000.00		
		$176,500.00		
8-2 Payments to Sinking Fund—City Debt				
From Appropriation			$ 15,000.00	
From Water Dept., Taxes			22,045.16	
From Holyoke and Westfield Railroad, Dividend			13,610.00	
Water Dept Appropriation			9,600.00	
			$ 60.255.16	
8-3 Direct Payment of Matured Debt				
From Tax Levy Direct, City Debt			$ 42,500.00	
From Sinking Fund, City Debt			166,000.00	
Gas and Electric Plant Debt			36,600.00	
			$245,100.00	
Total Public Indebtedness		$176,500.00	$305,355.16	

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SCHEDULE A—IV—Continued.

9. PUBLIC INTEREST.

	Receipts		Expenditures	
	Ordinary	Extra-ordinary	Ordinary	Extra-ordinary
9-1 Interest—Sundries				
Interest on Bank Deposits	$ 3,518.80			
Interest from Water Dept.	13,750.00			
Interest Accrued on Bond Issues		$1,129.53		
Unredeemed Coupons	20.00			
9-2 Interest on Taxes	$ 4,909.29			
9-3 Payment of Interest on Debt				
Upon City Debt			$ 64,127.50	
Upon Temporary Loans			17,831.88	
Upon Gas and Electric Plant Bonds			27,204.50	
Upon Water Bonds			13,750.00	
Total Public Interest	$22,198.09	$1,129.53	$122,913.88	

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SCHEDULE A—IV—Continued.

10. TAXATION.

	Receipts		Expenditures	
	Ordinary	Extra-ordinary	Ordinary	Extra-ordinary
10-1 Taxes, Real, Personal, Poll				
Taxes 1907	$658,699.25			
Taxes Other Years	97,270.38			
Abatements			$ 5,968.15	
Refund of Excess Taxes			64.60	
Refund of Poll Taxes, Not Assessed	36.00			
	$756,005.63		$ 6,032.75	
10-2 Other Taxes (Except Franchise Taxes)				
Corporation Tax	$ 52,971.60			
Bank Tax	2,503.18		$ 15,988.22	
	$ 55,474.78		$ 15,988.22	
10-3 Franchise Taxes				
Street Railway Tax, City	$ 3,490.36			
Street Railway Tax, State	8,990.69			
	$ 12,481.05			
10-4 Miscellaneous				
State Tax			$ 50,800.00	
County Tax			45,530.20	
Armory Tax			3,230.81	
			$ 99,561.01	
10-5 Liquor Licenses	$ 82,481.00		$ 20,620.25	
10-6 Other Licenses				
Auctioneers	$ 16.00			
Peddlers	68.00			
Express	88.00			
Pool, Billiards & Bowling Alleys	260.00			
Exhibitions	335.00			
Junk Dealers	952.00			
Second Hand Dealers	32.00			
Hacks	23.00			
Milk	98.00			
Oleo	9.00			
Intelligence Offices	8.00			
Pawn Brokers	50.00			
Itinerant Vendors	25.00			
	$ 2,014.00			
Total Taxation	$908,456.46		$142,202.23	

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SCHEDULE A—IV—Continued.

11. SPECIAL ASSESSMENTS.

		Receipts	Expenditures
11-1	**Assessments for Sewers**	$3,521.39	.....
	Refund for Sewer Assessment.....	.....	$13.50
11-2	**Assessments for Sidewalks**	2,805.72	.....
	Total Special Assessments	$6,327.11	$13.50

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SCHEDULE A—V.

TRUST FUNDS.

FUNDS	Receipts	Expenditures

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11-1

11-2

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SCHEDULE A—V.

TRUST FUNDS.

FUNDS	Receipts	Expenditures
Whiting Street Funds	$1,562.50	$1,177 75
Cemetery Funds	27.47	27.47
Total	$1,589.97	$1,205.22

SCHEDULE A—VI.

TEMPORARY ACCOUNTS.

	Receipts	Expenditures
1. Temporary Tax Loans	$600,000.00	$555,000.00
2. Payments from Sinking Fund Into Treasury to Redeem Matured Bonds	166,000.00	166,000.00
Total	$766,000.00	$721,000.00

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CONTINGENT ACCOUNT.

EXPENDITURES ITEMIZED.

P. H. Sheehan, Atty., claim, (Busiere)	$20.00
T. B. O'Donnell, legal services	55.00
P. H. Sheehan, legal services	350.40
Storey, Thorndike, Palmer & Thayer, legal services	125.00
Patrick Bowler, claim,	50.00
Henry Bogart, claim	50.00
Fred W. Boldway, claim	100.00
William P. Buckley, Atty., claim, (Hanratty)	100.00
J. R. Callahan, Atty., claim, (Shugrue)	175.00
City of Everett, claim, (smallpox Catherine Lafleur)	322.79
Daniel Connor, claim	100.00
George W. Cook, claim	50.00
Emile Foucher, claim	25.00
P. J. Garvey, Atty., claim, (McDonald)	100.00
James Joyce, claim	200.00
O. A. Lamontagne, Atty., claim, (D'Aigle)	100.00
O. A. Lamontagne, Atty., claim, (Keyes)	100.00
Thomas C. Maher, Atty., claim, (Kelliher)	100.00
T. D. O'Brien, Atty., claim, (Shea)	225.00
R. P. Stapleton, Atty., claim, (Kallaugher)	200.00
Delia Shea, claim,	500.00
Mrs. Edward Sullivan, claim,	100.00
Geo. P. B. and Chas. E. Alderman, rent, polling place	70.00
Onesime Trepanier, rent, polling place	104.00
Abraham Barowsky, rent, polling place	50.00
Field & Sinclair, rent, polling place	50.00
Patrick Green, rent, polling place	80.00
Holyoke Boys' Club, rent, polling place	45.00
James P. Hobert, rent, polling place	25.00
Holyoke Machine Co., rent, polling place	15.00
Sons of Zion, rent, polling place	175 00

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St. Jerome T. A. B. Society, rent, polling place..	70.00
Sullivan & Carmody, plumbing, polling place....	2.21
Casper Ranger, putting up election booths and repairing ballot boxes.....	17.08
O'Leary Plumbing Co., plumbing and repairing of election booths.....	146.60
Gas and Electric Dept., gas, polling places.....	3.80
John T. Brady, plumbing, polling places.....	6.00
Commonwealth of Massachusetts, ballot boxes..	150 00
White Paper Box Co., ballot boxes.....	30.00
E. K. Tolman, ballot boxes.....	200.00
M. J. Moynihan, repairing ballot boxes and safe	19.25
Corporation Publishing Co., book.....	5.00
Eureka Ruling and Binding Co., blank book....	6.50
National Blank Book Co., blank book and book binding	15.00
Holyoke Job Book Bindery, book binding.....	3.25
George H. Hill, dating and rubber stamps, repairs ballot boxes	25.25
Morgan, Crossman & Co., dating stamps.....	6.75
Transcript Publishing Co., advertising.....	234.22
Telegram Publishing Co., advertising.....	259.13
Springfield Union, advertising.....	1.40
Northampton Daily Herald, advertising.....	17.25
New England Rundschau, advertising.....	166.13
La Justice Publishing Co., advertising.....	131.12
Democrat Publishing Co., advertising.....	134.87
Free Press Publishing Co., advertising.....	110.38
Die Bene, advertising.....	97.38
Hampden Gazette, advertising.....	9.00
H. S. Gere & Sons, advertising.....	11.25
Anker Printing Co., printing.....	85.00
H. C. Cady Printing Co., printing.....	62.25
M. J. Doyle Printing Co., printing.....	385.75
Free Press Publishing Co., printing.....	97.75
Transcript Publishing Co., printing.....	1,965.68
John Ahern, hack and team hire.....	20.00
T. & J. Dillon, hack and team hire.....	20.00

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A. F. Gingras, team hire	4.00
M. J. Laporte, cartage, hack and team hire	572.70
Joseph A. O'Donnell, hack hire	4.00
James Sullivan, hack hire	8.00
Boston News Bureau, subscription	12 00
N. P .Avery, traveling and sundry expenses	515 22
M. J. Griffin, city solicitor, stenographic services and traveling expenses	423.33
J. D. Goddu, sundry expenses	10.15
P. J. Tetreault, traveling expenses, express, etc.	10.70
Pierre Bonvouloir, traveling expenses and express	95.40
James Kennedy, President Board of Aldermen, traveling expenses	73.52
D. W. Kenney, traveling expenses and express	78.30
Special Aldermanic Committee, traveling expenses	82.00
James L. Tighe, traveling and sundry expenses	68.00
Johnson, Butler Co., draughting supplies	12.04
Fitzgerald & Co., stationery, etc	112.58
R. R. Nickerson, stationery	26.50
M. J. Judge, copy book, carbon paper, etc	4.15
Spaulding Print Paper Co., draughting supplies	11.70
Goodall Drug Co., soap	1.25
A. C. Menard, soap	2.00
Millane Bros., soap and cigars	4.50
J. H. Caswell, photographs	13.00
Demers & Sons, photographs	65.00
Gilbert E. Lea, group photograph	67.00
G. E. Trask, photographs	2 92
Cosette Bonvouloir, typewriting	30.00
Elizabeth V. Coffey, typewriting	5.00
Holyoke Business Institute, typewriting	42.23
J. H. Rafter, typewriter	25.00
Remington Typewriter Co., repairs on typewriter and McMillan book	14.10
Smith Premier Typewriter Co., typewriter, desk, chair and typewriter support	183.40

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F. S. Webster & Co., typewriter ribbons	4.50
Chas. A. Chase, Postmaster, postage	562.52
Frederick Kilian, postage	3.42
John F. Sheehan, express and postage	7.80
American Express Co., express	6.44
Jesse E. Sheldon, expenses to Boston (Aldermanic Committee)	23.25
W. T. Walsh, express	1.30
R. W. Magna, automobile hire	15.00
Burrington Motor Co., automobile hire	16.50
E. C. Clarke & Co., premium, treasurer's bond	75.00
J. H. O'Connell, premium, treasurer's and tax collector's bonds	300.00
John Tilley & Co., repairs, chair	.75
Collins & Murray, repairs linoleum and desk	20.00
A. N. Lapointe, services as constable	5.40
W. J. Howes, witness fees	45.00
V. J. O'Donnell, deputy sheriff' fees	8.24
Hotel Hamilton, dinners, County Commission	12.00
David F. Murray, lunches (recounting votes)	20.00
Holyoke Ice Co., ice	27.83
Thomas J. Anderson, cigars	3.00
Kaffir Cigar Co., cigars	9.00
Library Bureau, cabinet and cards	21.31
Wm. J. Nagel, revised laws	5.00
G. & C. Merriam Co., dictionary	30.00
Price & Lee Co., directories	22.50
Felix F. Daus Duplicator Co., duplicator and ribbons	6.00
Burroughs Adding Machine Co., adding machine	375.00
W. & L. E. Gurley, test weight, graduates, seal, etc.	8.91
F. S. Blanchard, Massachusetts Year Book	16.00
L. H. Clarke, M. D., professional services	20.00

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J. C. Hubbard, M. D., professional services (hydrophobia case)	5.00
E. D. Warren, M. D., professional services (Pasteur treatment)	250.00
Dr. J. J. Moynihan, V. S., examination of horses and treating dogs (rabies)	29.20
C. E. Ball Drug Co., chemicals, sponges	2.05
Hall Bros., pens and penholders	1.95
Connor Bros., pens and penholders	14.50
C. Dimond, pens	3.00
Carter's Ink Co., ink	16.00
B. Butlar, brush	1.10
John H. Hargreaves, acid, marking acid	10.00
Malden Specialty Co., acid and powder	27.00
J. H. Gifford, dog tags	30.00
A. Steiger & Co., felt	2.95
J. R. Smith, matches	1.00
G. E. Russell & Co., hardware	22.45
Geo. L. Goodyear, telephone half year for 1907	12.50
Gallivan Bros., flowers	10.00
N. M. Nolan, flowers	10.00
Thomas J. Morrow, clock	18.00
J. C. Lutz Lithograph Co., lithographing	180.00
R. T. Oakes & Co., shade	1.50
John F. Quigley, floor wax	13.00
Wm. F. Russell, protectograph	30.00
New England Telephone & Telegraph Co., telephone and tolls	179.90
New England Towel Supply, laundry	34.00
Wm. B. Whiting Coal Co., coal	2.80
Walter W. Eaton, expert auditing	338.10
J. J. Byrnes, Veteran Firemen Asso'n celebration	400.00
Kilpatrick Post, G. A. R., Memorial Day	400.00
Nelson A. Miles Camp, Spanish War Veterans	50.00
E. E. Stone, contribution Cape Cod Pilgrim Monument	45.00

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Michael Ginley ,labor Sealer Weights and Measures	315.00
George Shine, labor Sealer Weights and Measures	9.00
Pay roll, janitors, polling places	160.00
Pay roll, stenographer Tax Collector	211.01
Pay roll, precinct officers	840.00
Pay roll, special police, polling places	44.00
John F. Sheehan, City Clerk, recording births, marriages and deaths	1,123.10
	$17,371.91

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BIRTH RETURNS.

Carl A. Allen	$4.00
Gardner Cox	14.00
O. J. Comtois	13.00
F. J. Cloutier	14.00
F. F. Celce	18.50
Jean Celce	12.50
Thomas E. Cavanaugh	1.75
Josephine De la Neuville	1.50
Ella M. Davis	2.00
R. E. Dickson	2.25
Anna Drozdowska	22.00
W. G. Deroin	44.50
J .A. Donner	1.50
Mary Ducy	1.00
Joseph H. Dixon	1.25
Adolph Franz	8.75
Geo. J. Hebert	12.50
G. L. Gabler	2.00
Geo. E. Hunt	2.75
Alice E. Hunt	.75
Fred A. Mead	.50
Geo. L. Kinne	26.00
S. A. Mahoney	11.50
J. A. Marin	13.25
J. J. McCabe	4.25
W. Kazalska	2.00
Mrs. Eliza Kelly	4.25
Domethile Payette	1.75
H. R. Sackett	2.50
Geo. C. Robert	1.25
W. M. St. Georges	.75
William Teahan	7.00
F. A. Woods	2.00
A. B. Wetherell	3.50
Mrs. R. Wruck	18.25

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S. J. Benoit	.75
J. L. Bliss	4.25
J. J. Carroll	1.25
H. E. Chaput	8.75
R. G. Eaton	.50
J. O. Beauchamp	.25
George G. Hitchcock	.25
E. J. McNamara	.25
Benjamin Fagnant	.25
Hubert T. Dean	.25
J. C. Hubbard	5.75
E. H. Tierney	2.75
John P. Shine	4.25
J. J. O'Connor	2.75
Edward D. Warren	4.75
H .E. Miner	7.75
Lillian West	6.75
H. L. Hirsch	2.25
D. F. Donoghue	15.00
R. Morrison	.25
J. E. Brindamour	13.75
G. H. Smith	.25
M. J. McIntee	4.00
	$366.25

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DEATH RETURNS.

C. R. Alger	$26.25
D. F. Barry	20.75
C. Blais Co.	9.25
A. L. Codaire & Co	13.00
Dillon Bros.	43.75
Joseph Dupont	17.75
A. F. Gingras	28.75
James P. Hobert	18.25
Wells Lathrop	18.00
J. A. O'Donnell	12.50
T. F. Ryan	10.75
John B. Shea	15.00
Sampson & Sweeney	25
J. Francis Brown	.25
A. Gordon	2.00
W. C. Naughton	.50
J. H. Clune	.25
N. L. Byron	.75
E. D. Washburne	.50
Frank J. Shea	.25
V. E. Mitchell	.25
W. L. Smith	.25
M. T. O'Brien	.50
Cadwell & Perry	25
E. D. Marsh	.25
J. J. Hafey	.75
Antony Symaski	.25
Charles Gardner	.25
M. Claphouse	.25
Herbert F. Shaw	.25
	$242.00
Transfers to other departments	$2,980.69
Total	$20,960.85

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SALARIES.

SALARY ACCOUNT ITEMIZED.

N. P. Avery, Mayor	$1,958.40
John F. Sheehan, City Clerk	1,600.00
Pierre Bonvouloir, City Treasurer	3,200.00
D. W. Kenney, City Auditor	2,000.00
Thomas F. McCabe, Tax Collector	3,500.00
Willam T. Walsh, City Messenger	1,300.00
M. J. Griffin, City Solicitor	1,200.00
P. J. Tetreault, Sealer Weights and Measures	637.99
J. D. Goddu, Sealer Weights and Measures	361.97
A. Judson Rand, Caretaker City Hall Clock	50.00
John F. Sheehan, Registrar of Voters	200 00
James J. Dunn, Registrar of Voters	200.00
Thomas Stansfield, Registrar of Voters	200.00
Charles U. Roy, Registrar of Voters	200.00
Casper Ranger, Chairman License Commission	350.00
M. J. Bowler, License Commissioner	300.00
D. H. Ives, License Commissioner	300.00
Frederick Kilian, Clerk License Commission	250.00
Mary M. Rooney, Stenogrpher, City Auditor	600.00
John C. Doran, Clerk of Committees	150.00
Jeremiah Scannell, City Hall Janitor	912.50
Care of City Hall, additional	1,005.00
Contingent	24.00
Precinct Officers	840.00
Transferred to General Receipts	410.14
Total	$21,750.00

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CITY INDEBTEDNESS

City Debt Not Exempted

Bonds,	10	years	4	per cent,	Municipal,	Due Sept. 1, 1908,	$90,000.00
"	10	"	4	"	" (Fire Dep't)	" May 1, 1909,	7,000.00
"	10	"	3½	"	" (Litigation)	" July 1, 1909,	30,000.00
					Total Unexempted Debt		$127,000.00

Exempted Debt **

Bonds,	20	years	4	per cent.	H. and W. R. R. Stock,	Due Oct. 1, 1910,	$166,000.00
"	20	"	4	" "	H. and S. H. Falls Bridge,	" Sept. 1, 1911,	85,000.00
"	20	"	4	" "	Sewer,	" May 1, 1913,	50,000.00
"	20	"	4	" "	H. and W. R. R. Stock	" July 1, 1913,	60,000.00
"	20	"	4	" "	Sewer,	" Oct. 1, 1913,	100,000.00
"	20	"	4	" "	H. and W. Bridge,	" June 1, 1914,	105,000.00
"	20	"	4	" "	School	" June 1, 1915,	150,000.00
"	20	"	4	" "	School	" July 1, 1916,	100,000.00
"	20	"	4	" "	School	" Mch. 1, 1917,	109,000.00
"	30	"	4	" "	Water	" Jan. 1, 1927,	250,000.00
"	30	"	4	" "	Water	" July 1, 1930,	50,000.00
"	10	"	3½	" "	Water	" June 1, 1913,	50,000.00
					Exempted Debt		$1,275,000.00
					Total debt met by Sinking Fund		$1,402,000.00

** Exempted by special Acts of the Legislature.

SINKING FUNDS

Sinking Fund, Water Bonds,	$ 99,865.82	
Sinking Fund, City Debt	205,013.73	
Holyoke and Westfield R. R. Stock, par value,	226,500.00	
		$531,379.55
Net Debt		$870,620.45

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SERIAL LOANS, UNEXEMPTED

Bonds,	20 yrs.	3½%	School ($7,500 annually),	Due May 1, 1901-20,	$97,500.00
"	10 "	3½%	Municipal ($7,000 annually),	" June 1, 1903-12,	35,000.00
"	10 "	4 %	Highways ($3,000 annually),	" May 1, 1905-14,	21,000.00
"	30 "	4 %	Sewers ($1,000 annually),	" May 1, 1905-34,	27,000.00
"	10 "	3½%	Highways ($1,000 annually),	" Aug. 1, 1905-14,	7,000.00
"	10 "	3½%	Highways, Sewers and Sidewalks ($9,500 annually),	" Mch. 1, 1906.15,	76,000.00
"	15 "	3½%	School ($5,000 annually),	" Sept. 1, 1906-20,	65,000.00
"	10 "	4 %	Municipal ($6,500 annually),	" Aug. 1, 1907-16,	58,500.00
"	30 "	4 %	Sewer ($1,000 annually),	" Aug. 1, 1907-36,	29,000.00
"	10 "	3½%	School ($1,((0 annually),	" Sept. 1, 1907-12,	5,000.00
"	30 "	4 %	Park ($1,000 annually to 1913, $500 annually to 1937),	" Apr. 1, 1908-37,	18,000.00
"	20 "	4 %	Municipal ($2,000 ann'ly to 1919, $1,500 ann'ly to 1927),	" Apr. 1, 1908-27,	36,000.00
"	10 "	4 %	Municipal ($8,000 ann'ly to 1914, $7,500 ann'ly to 1917),	" Apr. 1, 1908-17	78,500.00
"	18 "	4 %	School ($500 annually),	" Apr. 1, 1908-25	9,000.00
					$562,500.00

SERIAL LOANS, EXEMPTED

Bonds,	30 yrs.	3½%	Gas and Electric Light ($24,000 annually,	Due Dec. 1, 1903-32	$600,000.00
"	10 "	3½%	Gas & E. Light ($3,600 ann'ly),	" Oct. 1, 1904-13	21,600.00
"	15 "	3½%	Gas & E. Light ($2,000 ann'ly),	" Nov. 1, 1905-19	24,000.00
"	15 "	3½%	Gas & E. Light ($5,000 ann'ly),	" April 1, 1906-20	63,000.00
"	15 "	3½%	Gas & E. Light ($2,000 ann'ly),	" Sept. 1, 1906-20	26,000.00
"	14 "	4 %	Gas & E Light ($2,500 ann'ly),	" Apr. 1, 1908-21	35,000 00
					$ 769,600.00
			Grand Total Net Debt		$2,202,720.45

ASSETS

Water Works,		$1,296,773.85	
All other City Buildings, Land and Parks	assessed valuation, real estate only,	1,948,915.00	
Gas and Electric Light Plants,	assessed valuation,	1 006,680.00	
			$4,252,368.85
Excess of assets over liabilities,			$2,049,648.40

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CASH ACCOUNT

1906		1907	
Dec. 1.—Cash on hand,	$140,049.50	Nov. 30.—Disbursements to date,	$2,224,410.95
Nov. 30.—Receipts to date,	2,246,573.81	Nov. 30.—Balance	162,212.36
	$2,386,623.31		$2,386,623.31

LOANS—SERIAL BONDS

1907		1907	
Oct. 31.-Transfer to Parks,	$18,000.00	Oct. 31.-Park Bonds,	$18,000.00
" " " City Yd. Building,	18,000.00	" Municipal Bonds,	36,000.00
" " " Engine House Addn.,	7,000.00	" School Bonds,	9,000.00
" " " Ward Two School,	3,000.00	" Municipal Bonds,	78,500.00
" " " Sewers, Construction,	8,000.00	" Interest Accrued,	1,129.53
" " " New Fire Engine,	1,800.00	" Gas and Electric Bonds,	35,000.00
" " " Sidewalks,	5,200.00	" Interest Accrued,	247.59
" " " Ward Two School,	1,500.00		
" " " Highways per Const.,	35,000.00		
" " " Jackson st. Undps,	35,000.00		
" " " Interest City Debt,	1,129.53		
" " " G & E. Extension	35,000.00		
" " " G. & E. Interest	247.59		
" " " Oakdale School	9,000.00		
	$177,877.12		$177,877.12

LOANS—TEMPORARY

1906		1907	
Dec. 1.—To Balance,	$200,000.00	Nov. 30.—Loans Paid to date,	$555,000.00
1907			
Oct. 31.—Loans to date,	600.000.00	Nov. 30.—Loans Outstanding,	245,000.00
	$800,000.00		$800,000.00

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TAXES

THOMAS F. McCABE, Tax Collector, in Account with City of Holyoke.

1906				1907			
Dec. 1.—Balance Due, Taxes,	1908,	$ 203.92		Nov. 30.—Receipts, Taxes,	1903,	$ 89.14	
" Balance Due, Taxes,	1904,	2,069.17		" Abated, Taxes,	1903,	114.78	
" Balance Due, Taxes,	1905,	27,348.10		" Receipts, Taxes,	1904,	990.19	
" Balance Due, Taxes,	1906,	110,354.68		" Abated, Taxes,	1904,	880.20	
" Addit'l Asst., Taxes,	1906,	555.50		" Receipts, Taxes,	1905,	22,941.52	
" Total Levy, Taxes,	1907,	803,042.35		" Abated, Taxes,	1905,	2,362.86	
" St. Ry. Excise Taxes,	1907,	3,901.12		" Receipts, Taxes,	1906,	73,249.53	
" Bal. Sidewalk Ass't,	1904,	52.65		" Abated, Taxes,	1906,	1,697.85	
" Bal. Sidewalk Ass't,	1905,	1,097.75		" Receipts, Taxes,	1907,	662,189.61	
" Bal. Sewers, Ass't,	1904,	768.10		" Abated, Taxes,	1907,	912.46	
" Bal. Sewers, Ass't,	1905,	2,759.20		" Abated St. Ry.,			
1907				" Excise Tax,	1907,	410.76	
Mar. 22—Sidewalk Ass't,	1906,	3,193.72		" Receipts, Sidewalk,	1904,	33.32	
July 2—Sewers, Ass't,	1906,	6,424.19		" Receipts, Sidewalk,	1905,	514.07	
Nov. 30—Interest paid to date,		4,909.29		" Receipts, Sewers,	1904,	727.30	
				" Receipts, Sewers,	1905,	976.50	
				" Receipts, Sidewalk,	1906,	2,073.02	
				" Receipts, Sewers,	1906,	1,807.59	
				" Receipts, Int. Taxes,	1903,	2 00	
				" Receipts, Int. Taxes,	1904,	33.55	
				" Receipts, Int. Taxes,	1905,	2,370.50	
				" Receipts, Int. Taxes,	1906,	2,449.23	
				" Receipts, Int. Tax s,	1907,	54.01	
				Outstanding		189,799.75	
		$966,679.74				$966,679.74	

SUMMARY UNCOLLECTED TAXES AND ASSESSMENTS

1904, Taxes,	$ 198.78	
1905, Taxes,	2,043.72	
1906, Taxes,	35,962.80	
1907, Taxes,	143,430.64	
1904, Sidewalks, Assessment,	19.33	
1905, Sidewalks, Assessment,	583.68	
1906, Sidewalks, Assessment,	1,120.70	
1904, Sewers, Assessment,	40.80	
1905, Sewers, Assessment,	1,782.70	
1906, Sewers, Assessment,	4,616.60	
Total uncollected,		$189,799.75

PIERRE BONVOULOIR, City Treasurer, Sidewalk and Sewer Assessments.

1906				1907			
Dec. 1. - Bal. Sidewalk Assessment,	1901,	$ 12.51		Nov. 30.—Receipts, Sidewalks,	1901,	$ 1.00	
" Bal. Sidewalk Assessment,	1902,	4.99		" Receipts, Sidewalks,	1903,	184.31	
" Bal. Sidewalk Assessment,	1903,	324.95		" Sewers,	1902,	10.00	
" Bal. Sewer Assessment,	1902,	95.09		Outstanding,		327.23	
" Bal. Sewer Assessment,	1903,	85.00					
		$522.54				$522.54	

SUMMARY UNCOLLECTED SIDEWALK AND SEWER ASSESSMENTS

Sidewalk Assessment,	1901,	$ 11.51	
Sidewalk Assessment,	1902,	4.99	
Sidewalk Assessment,	1903,	140.64	
Sidewalk Sewer, Assessment,	1902,	85.09	
Sidewalk Sewer, Assessment,	1903,	85.00	
			$327.23

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ANNUAL NET DEBT STATEMENT.

The following table shows the net debt at the close of each municipal year beginning with 1897:

Year.	Net Debt.	Increase.	Decrease.
1897	$1,503,990		
1898	1,603,990	$100,000	
1899	1,462,772		$141,218
1900	1,589,868	127,096	
1901	1,494,929		94,939
1902	1,451,946		42,983
1903	2,144,432	692,486	
1904	2,061,574		82,858
1905	2,216,221	154,647	
1906	2,178,417		37,804
1907	2,202,720	24,303	

Additions to the Sinking Funds during the year were as follows: For water debt, $13,178.40; city debt (exclusive of loan payments), $59,917.53; total, $73,095.93. To retire serial bonds, city debt, $42,500; Gas and Electric Plant debt, $36,000; ten year bonds matured, $166,000. Grand total payments to Sinking Funds and retiring of matured bonds, $318,195.93.

There was borrowed during the year $176,500 for the following named purposes: Parks, $18,000; City Yard Building, $18,000; Engine House Addition, $7,000; Ward Two School, $4,500; Sewers, Permanent Construction, $8,000; New Fire Engine additional appropriation, $1,800; Sidewalks, $5,200; Highways, Permanent Construction, $35,000; Jackson Street Underpass, $35,000; Oakdale School, $9,000; Gas and Electric Extensions, $35,000.

Total payments on entire city debt including additions to the Sinking Funds, $318,196; excess of payments over loans, $141,696.

Respectfully submitted,

D. W. KENNEY,
City Auditor.

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Report of Water Board.

To the Honorable, the Mayor, and Board of Aldermen:

The Board of Water Commissioners respectfully present the following as their report for the year ending December 31, 1907:

RECEIPTS.

Balance from 1906	$2,589.22
Water rents	122,421.72
Interest on meters	1,922.66
Service pipe	931.00
Interest on bank deposits	376.66
Materials and labor	2,714.31
Hay	421.79
Ice privilege and supervision	99.00
Apples	73.00
Wood	22.50
Lease of land to Holyoke Street Railway Co.	50.00
Rental of Connery farm	100.00
Scrap iron, etc.	225.48
Sundries	79.10
	$132,026.44

EXPENDITURES.

Main pipe extension and supplies	$28,678.95
Service pipe extension and supplies	1,661.79
Main pipe repairs	858.33
Service pipe repairs	1,638.92
Hydrants	3,019.69

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Reservoirs:		
Ashley and Wright Ponds, and Whiting Street and High Service		11,557.14
Fomer		2,167.20
Supervision and inspection		9,382.53
Meters		4,475.82
Barn		3,873.31
Shop		4,748.65
Office		4,716.17
Engineering		2,877.50
William J. Murray (land)		1,900.00
Holyoke Schuetzen Bund (land)		1,000.00
Commissioners of Sinking Fund, City of Holyoke, taxes		22,045.16
Interest on bonds		13,750.00
Transfer to Sinking Fund (Bonds due in 1913)		8,600.00
Transfer to Sinking Fund (Bonds due in 1927)		1,000.00
For all other purposes		3,302.80
Cash in Holyoke National Bank	$182.08	
Cash in Park National Bank	522.57	
Cash on hand	67.83	
		772.48
		$132,026.44

January 2, 1908.

I hereby certify that I have examined the cash book and daily collection book of the Water Department for year ending December 31, 1907; found them correctly added and the vouchers for payment properly approved. The cash balance, $772.48, has been duly verified.

D. W. KENNEY,
City Auditor.

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The past year has been one of progress in the Department both in the development of the system and in the increase in the receipts over those of the previous year, notwithstanding the reduction in the meter rates, for had the three rate system, which previous to 1905 prevailed, our receipts would have been $3,159.68 more. This amount equally distributed among the metered water takers is so much saved to them. The position taken by the Department that the installing of 100 test meters would show a net gain to the consumer should he buy his water at the existing meter rate has been sustained. But as the twelve months test will not be completed until April no action will be taken until this table is complete. The Department hopes to be able then to reduce water rents by allowing this privilege, or by reducing the present rates.

To change the rates and adopt a flat uniform rate the same to all has been a study, not only here but in many water departments. We feel we have succeeded along the lines of gradual reduction in rates to the consumer, and a gradual reduction of waste, thereby saving to the Department the waste which can be sold to meet loss in rates by less actual consumption.

The report of the Superintendent, covering the operations for the year, is respectfully submitted as a part of the Board's report.

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Report of the Superintendent.

To the Honorable Board of Water Commissioners.

GENTLEMEN:—I have the honor to present herewith the thirty-sixth annual report of the Superintendent, covering the operations of the year ending December 31, 1907.

The extensions to the distribution system will be found in Table A of this report. The principal items of the extensions consist of the work of laying a 20-inch main at the Rock Cut and a 16-inch main on the Highlands. The 20-inch main at the Rock Cut was laid from the Wright Pond gate house to connect with the mains east of the new gate house at the end of the canal, a distance of about 1650 feet, at a total cost of $9,124.45. This main was laid for the purpose of connecting the High Service Reservoir with the distribution system and is intended to take the place of the old 20-inch main, laid in 1872, which is now at the bottom of the canal in a condition unfit for use. By using this new 20-inch main the higher sections of the city may be supplied directly through either of the 16-inch mains leading from Ashley Ponds. The sections thus supplied from the High Service Reservoir will include Elmwood, as far easterly as the corner of Brown avenue and South street, the whole of Oakdale north and west of Beech street, the higher elevations of the city in the vicinity of the High School and the whole of the Highlands south of the Heywood homestead on Northampton street, and westerly of School street. By the use of this 20-inch main it is also possible to discharge the water from the Fomer Reservoir directly into the mains leading from Ashley Pond. But when this is done the High Service Reservoir cannot be used. In order to use both the Fomer water and the High Service water at the same time

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a new main must first be laid from the foot of the High Service hill to connect with the mains below the new gate house. By the use of this new main it is also possible to supply the city without Ashley Pond by using the water of Fomer and the water from the Whiting Street Reservoir or by the use of the High Service Reservoir and the Whiting Street Reservoir. Since the High Service was turned on the pressure has been taken on several hydrants and will be found in a table on another page of this report.

The 16-inch main on the Highlands was laid from the intersection of Madison avenue with Nonotuck street through Nonotuck street, Highland avenue, Pleasant street and Lincoln street to connect with a 12-inch main at the intersection of Lincoln and Hampden streets, a distance of 4,149 feet, at a total cost of $11,714.39. This main was laid for the purpose of conveying the water of the Whiting Street Reservoir to the lower sections of the city when the High Service Reservoir is supplying Elmwood and the Highlands.

The minor extensions consist of laying a 6-inch main in Pleasant street from Amherst street to Princeton street, a distance of 514 feet, at a cost of $546.59; of constructing a By-pass around the meter house at the Whiting Street Reservoir at a cost of $402.19; of laying an 8-inch main on Winter street from Appleton street to the Barlow Mnufacturing Company plant, a distance of 393 feet, at a cost of $724.17; of laying a 6-inch main in Pinehurst street, from Sargeant street to Franklin street, a distance of 259 feet, at a cost of $260.48; of laying a temporary 2-inch main in Yale street, from Pleasant street to the Atherton house, a distance of 336 feet, at a cost of $121.95, and a temporary 2-inch main in Newton Place from Suffolk street north, a distance of 20 feet, at a cost of $60.59.

Constant vigilance on the part of the watchmen at the Ponds is required to maintain the purity of the waters and to keep the system in good condition. The intakes and

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screens must be kept free from obstruction by ice in winter or by leaves or other debris during the spring, summer or fall; the edges of the ponds must be cleaned of all unhealthy and unsightly matter; the roads through and around the ponds must be kept safe and inviting to the public and the meters on the large mains must be given care and attention.

Such work is expensive, when the immense area to be covered is considered, but it is as indispensable as the maintenance of the distribution system. If "an ounce of prevention is worth a pound of cure" the Department can better afford to employ men to prevent pollution of its reservoirs than the people can afford to pay doctors to cure disease resulting from drinking impure water.

RECOMMENDATIONS.

For the purpose of increasing the pressure and affording better facilities for fighting fire, I would suggest that some of the smaller mains in Ward One and also in Ward Two be replaced by mains of greater diameter and that as many of the dead ends be removed as your finances will allow, by extending the mains to complete the circulation.

I wish to call your attention particularly to mains in Mosher, Bowers, Center and Dwight streets in Ward One, which are located in a very thickly settled portion of the city, and which would prove decidedly inadequate for fire purposes. In Ward Two the 8-inch pipe in Sargeant street now ending at Park street should be extended to connect with the dead end of an 8-inch main near Summer street. In Spring street and in Hamilton street there are dead ends which should be connected with the main in Race street and the main in Park street.

A new main should be laid from Mount Marie Institution to Brightside Institution, a distance of about 1,275 feet through private land to afford better fire protecton to Brightside and the lower end of the city.

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At the present time Mt. St. Vincent is supplied from a 4-inch main that extends from Northampton street through the Mt .St. Vincent property to the City Farm. This main should be replaced by a main of greater diameter during the coming year. When this is done all the buildings south of the Whiting farm should be supplied from the Ashley Ponds through the main in Homestead avenue.

The main in Longwood avenue should be extended to accommodate the buildings now being erected.

I would also suggest that a fountain for the purpose of aeration be constructed below the upper Whiting Street Reservoir as recommended by Mr. Allen Hazen, C. E.

There is plenty opportunity for improvement at the several reservoirs and I would suggest that as much of this work be done during the coming year as your finances will permit. For instance, a new road might be built to the High Service Reservoir, eliminating steep grades and making the Reservoir more accessible; some of the small swampy ponds might be filled in, particularly the pond at the foot of Bray hill and thereby destroy one of the anabaena incubators; the embankments on either side of the canal at the Rock Cut might be properly graded and sloped to prevent the earth caving in and filling the canal; the dike near the lower end of Ashley Pond and abutting the railroad might be made water tight by placing a concrete core in the same; and the roads, dikes and highways that run through and around the ponds might be raised to good advantage.

Much water that should enter the Whiting Street Reservoir is lost through the seams and rocks between the Loomis Reservoir on the Mountain and the Whiting Street Reservoir. In the winter when the reservoir is full this loss is of no consequence, but in summer when the reservoir is low the loss is particularly felt. I would suggest that measures be taken to improve the condition existing there and bring this water to the reservoir.

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I would also suggest that steps be taken to purchase land at Fomer where it is intended to build a storage reservoir. Should you find it possible to acquire the necessary land at an early date the actual work of construction could be commenced during the summer months and continued from year to year as the weather permitted, and the funds for the same could be taken from the general receipts of the Department. The negotiations for the purchase of land and the work of preparing the the plans could be going on at the same time and everything could be in readiness to start the work before June 1st next.

Respectfully submitted,

JOHN J. KIRKPATRICK,
Superintendent.

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HYDRANT PRESSURE TEST.

A test of the pressure at hydrants located at the intersection of the different streets throughout the city was made by the Superintendent, with the High Service Reservoir in operation, and his report follows:

Holyoke, Mass., November 25, 1907.

To the Honorable Board of Water Commissioners.

GENTLEMEN:—I submit for your consideration a table showing the water pressure at the hydrants located near the intersection of the streets throughout the city. These pressures were taken with the High Service Reservoir in operation, and with the Whiting Street lower Reservoir and the Ashley Pond Reservoir furnishing water in conjunction to the lower part of the city or to that part of the city not supplied from the High Service Reservoir:

ASHLEY POND AND WHITING STREET LOWER RESERVOIR SUPPLY.

Location of Hydrants.	Pounds Pressure.
Adams and	
Canal, S. W. corner	102
Bridge, S. E. corner	100
Main, N. E. corner	98
Park, N. W. corner	100
Summer, N. W. corner	101
Appleton street near the river	97
Appleton and	
Beech, N. E. corner	61
Bigelow, S. E. corner	93
Bond, N. side	81
Bowers, N. W. corner	90

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Location of Hydrants.	Pounds Pressure.
Canal, S. W. corner	95
Chestnut, N. E. corner	67
Elm, S. W. corner	64
High, S. E. corner	74
Main, N. W. corner	93
Maple, S. W. corner	69
Newton, S. E. corner	77
Pine, N. E. corner	62
Race, S. E. corner	94
Walnut, N. E. corner	63
Winter, S. E. corner	94
Brooks and Grant, S. W. corner	100
Cabot and	
Bigelow, N. W. corner	93
Bond, S. side	82
Bridge, S. E. corner	98
Canal, N. E. corner	102
Chestnut, N. W. corner	67
East, N. E. corner	95
Elm, N. E. corner	64
High, S. E. corner	76
Maple, N. W. corner	72
Main, N. W. corner	94
Newton, N. W. corner	79
Race, N. E. corner	94
Summer, S. W. corner	97
Canal and	
Bridge, S. W. corner	94
Grover, S. E. corner	92
Main, N. E. corner	101
Summer, S. side	101
Cross and Main, S. W. corner	94

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Location of Hydrants.	Pounds Pressure.
Dwight and	
Beech, S. W. corner	66
Chestnut, N. E. corner	62
Elm, S. W. corner	62
Front, N. W. corner	80
High, S. E. corner	67
Linden, N. E. corner	62
Main, S. E. corner	94
Maple, N. E. corner	65
Oak, S. W. corner	63
Pine, N. W. corner	67
Race, S. W. corner	95
Railroad, S. W. corner	77
Walnut, S. E. corner	66
East Dwight and	
Bowers, N. E. corner	73
Bridge, N. E. corner	93
Center, N. W. corner	85
East, N. E. corner	90
West, N. W. corner	81
Division and	
High, S. E. corner	73
Railroad, S. W. corner	77
Ely and	
Bowers, S. E. corner	90
Ely Court, N. W. corner	90
Summer, N. W. corner	94
Essex and	
Bond, S. W. corner	81
Beech, S. E. corner	53
Chestnut, N. W. corner	67
Elm, N. W. corner	64
High, N. E. corner	75

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Location of Hydrants.	Pounds Pressure.
Maple, S. W. corner	72
Newton, N. E. corner	78
Pine, N. W. corner	58
Walnut, S. W. corner	61
Fountain and	
Chestnut, S. W. corner	67
Elm, S. E. corner	69
Front, N. W. corner	81
High, N. W. corner	67
Maple, S. W. corner	65
Union, S. E. corner	78
Franklin and	
Chestnut, N. E. corner	55
Commercial, N. W. corner	82
High, N. W. corner	70
Maple, N. W. corner	65
Hamilton and	
Bridge, S. W. corner	100
Canal, S. W. corner	102
East, S. E. corner	100
Main, S. E. corner	98
Park, N. E. corner	99
Race, N. E. corner	97
Summer, N. W. corner	101
Hampden and	
Chestnut, N. E. corner	66
Elm, S. W. corner	66
Front, N. W. corner	81
High, S. E. corner	66
Linden, S. E. corner	67
Maple, N. W. corner	66
Pine, N. E. corner	73
Prospect, N. E. corner	69

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Location of Hydrants.	Pounds Pressure.
Walnut, S. E. corner	70
Washington, N. W. corner	50
Hampshire and	
Chestnut, N. W. corner	63
Elm, N. W. corner	57
High, S. E. corner	76
Maple, N. E. corner	70
Hampshire Terrace and Northampton, S. E. corner	37
Highland avenue and Nonotuck, N. E. corner	35
Hitchcock and	
Dexter, S. E. corner	25
Northampton, N. W. corner	25
Jackson and	
Bridge, S. E. corner	102
Canal, S. W. corner	102
Commercial, N. W. corner	82
Maple, N. W. corner	65
Park, N. W. corner	102
Race, N. E. corner	98
Summer, S. W. corner	101
West end	94
James and Main, N. W. corner	105
Lincoln and Pleasant, N. E. corner	31
Lyman and	
Bridge, N. W. corner	93
Canal, N. E. corner	94
Canal, N. W. corner	94
East, S. W. corner	93
Elm, S. W. corner	72
Chestnut, N. E. corner	69
Ely Court, S. E. corner	93
Front, S. W. corner	80

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Location of Hydrants.	Pounds Pressure.
Grover, N. W. corner	94
High, S. W. corner	66
Maple, N. E. corner	66
Pine, S. W .corner	74
Prospect, S. E. corner	73
Walnut, S. W. corner	76
Madison avenue and Northampton, N. E. corner	32
Meadow and Main, S. W. corner	105
Mosher and	
Bowers, S. E. corner	85
Bridge, N. E. corner	94
Canal, N. W. corner	95
Center, S. W. corner	87
East, S. W. corner	90
West, S. E. corner	84
Norfolk and High, N. W. corner	66
Northampton street at the Castle	36
Prew avenue and Temple, S. W. corner	67
Prospect and	
Chestnut, S. E. corner	68
High, S. E. corner	75
Maple, S. W. corner	67
Pine, S. E. corner	77
Walnut, S. W. corner	78
River Terrace and Northampton street, N. E. corner	37
Ross avenue and Maple, S. W. corner	60
Samosett and	
Center, N. W. corner	88
West, N. E. corner	81
Sargeant and	
Bridge, S. E. corner	101
Canal, N. W. corner	101

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Location of Hydrants.	Pounds Pressure.
Chestnut, N. E. corner	58
Elm, N. W. corner	50
High, N. E. corner	71
Main, S. W. corner	98
Maple, S. E. corner	66
Park, S. W. corner	101
Race, N. E .corner	97
Summer, N. E. corner	101
South and	
Main, S. W. corner	103
Maple, N. W. corner	55
Spring and	
Main, S. E. corner	94
Park, S. W. corner	94
Race, S. E. corner	94
Springfield Road	
At end of line	102
Brightside entrance	100
Old Ferry road	98
No. 938	92
Upper Springfield Road, Griffin's Hill	70
Upper Springfield Road, near Mt. St. Vincent	61
Suffolk and	
Beech, N. E. corner	64
Chestnut, N. W. corner	65
Elm, N. W. corner	62
High, S. E. corner	72
Linden, N. E. corner	60
Maple, S. E. corner	68
Oak, N. W. corner	60
Pine, S. W. corner	66
Walnut, S. E. corner	64

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Location of Hydrants.	Pounds Pressure.
Vernon and Main, N. W. corner	105
Vincent and Arthur, S. W. corner	80
Worcester Place and Commercial, N. W. corner	80
City Almshouse, West side	32
Brightside Institution	70
Mount Marie	35
Whiting Farm, upper Springfield Road	65

HIGH SERVICE RESERVOIR SUPPLY.

Allyn and	
Arlington, S. E. corner	72
Nonotuck, N .W. corner	74
Northampton, S. E. corner	71
Pearl, S. W. corner	71
Pleasant, N. W. corner	74
Waldo, S. E. corner	73
Williams, N. W. corner	73
Amherst street at west end	83
Appleton and	
Beech, S. W. corner	109
Dwight, S. W. corner	74
Linden, N. E. corner	105
Locust, N. E. corner	99
Oak, S. W. corner	107
Sycamore, S. E corner	91
Beacon avenue and	
Canby, N. E. corner	75
Nonotuck, N. W. corner	75
Northampton, N. E. corner	70
Parker, N. E. corner	76
Pleasant, East side	74
Beech street at City Hospital	85

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Location of Hydrants.	Pounds Pressure.
Cabot and	
Beech, N. E. corner	95
Linden, N. E. corner	80
Locust, S. E. corner	78
Pine, S. E. corner	98
Oak, N. E. corner	87
Sycamore, N. W. corner	75
Walnut, N. E. corner	60
Carleton and	
Chapin, S. W. corner	75
Russell Terrace, S. E. corner	76
Cherry and Hillside avenue, S. W. corner	70
Clark and Northampton, N. W. corner	77
Columbus avenue and	
Northampton, N. W. corner	70
Columbus avenue at the west end	69
Congress avenue and Elm, S. W. corner	78
Dartmouth and Pleasant, N. E. corner	83
Davis and Elm, S. W. corner	78
Davis street at north west end	72
Dwight and	
Clinton avenue, S. W. corner	96
Lynwood avenue, S. W. corner	76
Nonotuck, N. W. corner	76
Northampton, W. side	70
Parker, N. W. corner	78
School, N. W. corner	106
St. Jerome avenue, S. W. corner	78
Essex and	
Beech, N. W. corner	100
Linden, N. W. corner	89
Locust, S. W. corner	82
Oak, N. W. corner	97

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Location of Hydrants.	Pounds Pressure.
Poplar, N. E. corner	77
Sycamore, N. E. corner	77
Fairfield avenue and	
Nonotuck, N. W. corner	74
Northampton, N. E. corner	70
Pearl, S. W. corner	74
Pleasant, N. W. corner	75
Franklin and	
Linden, N. E. corner	108
Locust, N. E. corner	106
Magnolia, S. W. corner	96
St. Jerome avenue, S. W. corner	90
Sycamore, S. E. corner	103
Gates and	
Chapin, N. E. corner	78
Elm, N. W. corner	78
Gilman and	
Ball, N. E. corner	75
Northampton, N. W. corner	75
Glen and	
Brown avenue, E. side	79
Northampton, N. E. corner	77
Hampden and	
Canby, S. W. corner,	69
Howard, N. W. corner	72
Nonotuck, S. W. corner	74
Parker, S. W. corner	73
Pearl, N. W. corner	75
Pleasant, N. W. corner	74
School, S. W. corner	102
Taylor, S. side	77
Waldo, S. W. corner	70
Washington, S. W. corner	87

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Location of Hydrants.	Pounds Pressure.
Hampshire and	
Beech, S. E. corner	92
Locust, S. E. corner	82
Oak, N. W. corner	83
Linden, S. E. corner	80
Pine, S. W. corner	95
Sycamore, N. E. corner	89
Walnut, N. E. corner	101
Highland avenue and	
Nonotuck, W. side	76
Pearl, S. W. corner	75
Pleasant, N. W. corner	75
Howard street at the west end	83
Laurel and	
Brown avenue, E. side	82
Willow, N. side	75
Lincoln and	
Arlington, S. E. corner	70
Nonotuck, N. W. corner	72
Northampton, W. side	70
Pearl, S. E. corner	72
Pleasant, N. W. corner	72
Taylor, N. E. corner	77
Williams, N .side	72
Linden and Beech, N. W. corner	100
Miller avenue at south end	85
Morgan and	
Nonotuck, N. side	77
Northampton, N. E. corner	70
Myrtle avenue and	
Cook, N. side	77
Northampton, N. E. side	75

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Location of Hydrants.	Pounds Pressure.
Nonotuck street at the north end	80
Pearl street at the north end	84
Sargeant and	
Chapman avenue, N. E. corner	75
Linden, N. E. corner	100
Locust, S. E. corner	111
Magnolia, N. W. corner	96
Pine, N. W .corner	95
St. Jerome avenue, S. W. corner	85
Sycamore, N. E. corner	98
Walnut, N. E. corner	98
St. James avenue and	
Lynwood avenue, N. W. corner	75
Northampton, N. W. corner	68
St .Jerome avenue, N. W. corner	80
South and	
Brown avenue, E. side	84
Chapin, N. W. corner	76
Charles, N. side	76
Northampton, S. E. corner	75
Russell Terrace, S. W. corner	76
Suffolk and	
Locust, N. side	102
Sycamore, N. side	93
Taylor street, north end	75
View and Brown avenue, N. W. corner	79
Washington avenue and	
Charles, S. E. corner	76
Cook, N. W. corner	77
Harrison avenue, N. E. corner	76
Northampton, N. E. corner	75
Westfield Road at Shumway's, N. side	68
Willow and Brown avenue, E. side	78

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Location of Hydrants.	Pounds Pressure.
Mount St. Vincent	82
Northampton street at Whiting farm	95
City Almshouse	77
Northampton street at Oscar Ely's	75
Hampden and Northampton, W. side	70

Respectfully,
JOHN J. KIRKPATRICK,
Superintendent.

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HIGH SERVICE RESERVOIR IN OPERATION.

The new 20-inch main at the Rock Cut was completed on September 27th and the High Service system was in full operation on the evening of that day. The pressure on the Highlands and at Elmwood was increased about forty pounds by the turning on of the High Service Reservoir.

Several breaks in the main pipes occurred but were soon repaired.

TEST METERS.

Over a hundred test meters were installed during the early part of the year, in the different classes of buildings, for the purpose of ascertaining the quantity of water used and the cost of the same at metered rates as compared with the present fixed charges.

A monthly record has been kept of the meter readings, showing the cost at metered and fixed rates, the loss or gain and the average daily consumption per capita, and the Commissioners have been furnished with an itemized report of the same each month. The test meters are to remain in operation for a year, so that a thorough test may be obtained, and the data is to be used by the Commissioners in determining their future course in regard to domestic rates and the use of meters.

Following are the test meter returns for the nine months ending December 31st:

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TEST METERS.

Cost at metered rate includes interest on meter.

REPORT FOR MONTH OF APRIL, 1907.

Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
A. O. H. Society, Front street,	2500	$1.23	$3.14	$1.91		315
O. D. Allyn, 281 Locust street,	800	.51	1.20	.69		30
O. D. Allyn, 65 Sycamore street,	700	.47	.73	.26		46
American Writing, 1 Main street,	9900	4.64	9.14	4.68		38
Geo. P. B. Alderman, 439 High street,	3100	1.49	3.27	1.78		38
E. L. Alderman, 455 High street,	6800	3.06	5.60	2.54		45
N. P. Avery, 227 Pine street,	800	.51	.74	.23		68
C. E. Ball, 223 High street,	25000	11.13	11.87	.74		60
E. Benard & Son, 174 Lyman street,	4200	1.96	2.00	.04		120
E. Benard & Son, 180 Lyman street,	1800	.94	3.93	2.99		15
Frank Beebe, The Maplewood,	18600	8.58	14.80	6.22		290
F. J. Baker, 590 High street,	1400	.77	.74		.03	50
P. Beaucamp & Son, 31 and 35 Commercial,	24600	10.63	6.60		4.03	81
P. Beaucamp & Son, 5 Plymouth place,	5200	2.38	4.27	1.89		30
Bibeau & Masse. 41 High street,	3000	1.45	5.74	4.29		15
Lucy Bork, 946 Dwight street,	16700	7.35	6.74		.61	113
Mrs. J. Boyer, 122 South street,	2900	1.48	5.20	3.72		30
Thomas J. Carmody, 156 Pine street,	400	.33	.74	.41		53
J. J. Cavanaugh, 142 Pine street,	2100	1.06	1.46	.40		45

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Robert Clark, 1446 Dwight street,	1100	.64	.74	.10		23
Dr. Cloutier, 243 Main street,	2300	1.23	2.27	1.04		143
Dr. Cloutier, 251 Main street,	1000	.60	1.46	.86		30
Coffey Estate, 764 Dwight street,	2900	1.40	4.00	2.60		23
L. J. Comstock, 260 Hampden street,	1700	.89	7.87	6.98		30
Thomas F. Connor, 98 Maple street,	29300	12.70	10.94		1.76	60
Caledonian Club, 185 High street,	31600	13.68	5.54		8.14	360
Mrs. Abbie Cray, 712 Dwight street,	7100	3.27	5.80	2.53		53
Margaret Cunningham, 302 High street,	16000	7.30	9.80	2.50		60
M. D. Curley, 20 High street,	14300	6.25	6.20		.05	113
Curran Bros., 463 Main street,	12900	5.65	7.00	1.35		65
Dean & Dennis, 128 High street,	4700	2.25	4.33	2.08		37
Thomas Dillon, 514 High street,	7500	3.44	5.14	1.70		75
Thomas Dillon, 163 Lyman street,	17100	7.44	4.60		2.84	127
Moses Ehrlich, 271 Main street,	20300	8.88	11.67	2.79		60
E. A. Ellsworth, 32 Essex street,	6300	2.85	5.87	3.02		55
Ely Lumber Co., 313 Maple street,	3500	1.74	4.47	2.73		23
Ely Lumber Company, 315 Maple street,	10600	4.76	5.80	1.04		60
A. Ferguson, 133 Brown avenue,	1200	.68	1.47	.79		30
A. Ferguson, "Princeton," Elm st.,	12500	5.81	14.67	8.86		60
A. Ferguson, "Cambridge," Elm st.,	10900	5.13	14.67	9.54		75
Field & Sinclair, 168 Oak street,	4100	2.24	2.13		.11	97

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
J. H. Fitzsimmons, 397 Main street,	6300	2.93	6.40	3.47		30
J. H. Fitzsimmons, 397 Main street,	5700	2.67	3.93	1.26		53
Estate George Geiger, Westfield Road,	1000	.60	1.80	1.20		37
Margaret Gallivan, 194 High street,	9900	4.71	7.53	2.82		30
Germania Block, 349 Park street,	83000	35.78	30.00		5.78	75
T. J. Gibson, E. Dwight street,	8900	3.95	1.47		2.48	132
Patrick Green, 52 Lyman street,	5200	2.38	6.87	4.49		24
Patrick Hafey Estate, 321 High street,	11700	5.14	4.13		1.01	83
John T. Hartnett, 654 High street,	4200	1.96	4.40	2.44		24
John Heinritz, 401 Main street,	1900	.98	1.37	.39		47
Hennick & Seibel, 11 Hampshire street,	5800	2.72	6.60	3.88		28
John Hildreth, 211 Main street,	13100	5.82	5.73		.09	
G. E. Hobbs, 110 Race street,	13100	5.82	1.93		3.89	234
Holyoke Belting Co., Appleton street,	13100	5.74	1.47		4.27	99
Holyoke Machine Co., 466 Main street,	9600	4.33	10.40	6.07		35
Holyoke Water Power, Canal and Main street,	2900	1.48	2.87	1.39		48
Maurice Kaplinski, 613 Bridge street,	9100	4.04	5.20	1.16		65
James Kennedy, 522 Summer street,	6600	2.98	6.13	3.15		22
James Kennedy, 217 Lyman street,	12400	5.69	6.67	.98		69
L. A. Lafrance, 59 Bowers street,	22600	9.86	22.00	12.14		32
L. A. Lafrance, 92 Lyman street,	16800	7.31	9.40	2.09		73
L. A. Lapense, 65 Main street,	4000	1.95	4.20	2.25		14

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Ed. Lapoint, 570 Summer street,	3400	1.62	5.93	4.31		15
A. Lavoie, 17 Fountain street,	3300	1.57	4.80	3.23		20
Joseph Lynn, 311 Walnut street,	500	.38	.73	.35		18
E. L. Lyman, 569 Dwight street,	11800	5.19	3.73		1.46	92
E. L. Lyman, 569 Dwight street,	1400	.85	.80		.05	
Lyman Mills, 112-136 Lyman street,	19400	8.75	15.13	6.38		23
Lyman Mills, Hampden street,	47000	20.48	28.00	7.52		84
Jens J. Madsen, 162 Lincoln street,	400	.34	.73	.39		25
Rev. Fr. Marchand, 23 Prospect street,	3200	1.53	3.00	1.47		30
Estate W. L. Martin, 154 High street,	4400	2.12	4.13	2.01		32
McAuslan & Wakelin, 233 High street,	4700	2.25	5.93	3.68		117
McAuslan & Wakelin, 234 Maple street,	16800	7.81	4.60		3.21	22
J. K. McCarthy, 515 High street,	3700	1.74	3.47	1.73		36
McLean Bros., 386 High street,	4900	2.33	2.73	.40		111
Hugh McLean, 8 Glen street,	1000	.60	.73	.13		36
Osia Menard, 94 High street,	8300	3.78	4.67	.89		65
James Moffatt, 50 Taylor street,	1500	.81	1.47	.66		41
William Morrison, 370 Maple street,	21100	9.22	12.60	3.38		71
H. J. Mondor, 171 Elm street,	32100	14.14	20.73	6.59		84
Val Moquin, 76 Lyman street,	11100	5.14	11.27	6.13		50
New Eng. Tel. & Tel. Suffolk street,	7100	3.19	1.33		1.86	51
George F. O'Connor, 441 High street,	13300	5.82	4.80		1.02	104

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
J. H. O'Connell, 455 Dwight street,	47200	20.31	6.47		13.84	328
William O'Connell, Beacon avenue,	1300	.72	.73	.01		65
Wm. and Thos. Orrell, 158 High street,	3800	1.79	6.60	4.81		26
George Plimpton, 155 High street,	7500	3.44	6.40	2.96		42
C. B. Prescott, Holyoke Club,	2600	1.36	1.13		.23	19
J. N. Prew, 40 Main street,	18700	8.20	6.80		1.40	39
Casper Ranger, Appleton street,	1400	1.10	1.00		.10	70
James J. Reardon, 215 High street,	4200	2.04	5.67	3.63		33
Charles Rheaume, 555 Summer street,	3500	1.66	5.80	4.14		16
Louis Ricklas, 92 High street,	8700	3.95	7.07	3.12		73
Clovis Roberts, 338 Main street,	15800	6.97	8.00	1.03		120
Morris Ruther, 17 Glen street,	200	.26	.73	.47		13
R. W. Sanderson, 111 High street,	16700	7.35	7.73	.38		64
C. M. Sheldon, Bridge street,	3800	1.79	8.00	6.21		16
A. F. Sickman, 161 Lincoln street,	600	.43	.87	.44		38
Martin Smith, 88 Pleasant street,	700	.47	.73	.26		29
Jacob Solin, 101 Hampden street,	1500	.89	3.33	2.44		15
Henry Southier, Olive avenue,	600	.43	1.47	1.04		17
St. Jerome Tem. Society, Maple street,	5000	2.38	2.40	.02		17
St. Jerome Ins. School, Hampden street,	36700	15.76	1.80		13.96	86
Thomas E. Sullivan, 94 Pleasant street,	600	.43	.73	.30		13
Clement Terrien, 84 East street,	12400	5.44	9.07	3.63		46

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
James L. Tighe, 259 Hampden street,	7200	3.23	4.20	.97		164
James L. Tighe, 265 Hampden street,	4200	1.96	4.80	2.84		55
Annie Towvin, 409 Main street,	20500	8.96	13.13	4.17		56
Transcript Pub. Co., High street,	2600	1.36	1.53	.17		11
A. R. Vincent, 337 Main street,	10300	4.63	8.34	3.71		57
Michael Walsh, 34 Pearl street,	900	.55	.87	.32		71
J. B. Williams, 209 Walnut street,	2000	1.02	1.60	.58		71
Sarah Wolcott, 229 High street,	4800	2.21	3.60	1.39		46
J. F. Sullivan, Dwight street,	21700	9.39	8.80		.59	
				$230.77	$72.81	

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REPORT FOR MONTH OF MAY, 1907.

Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
A. O. H. Society, Front street,	2800	$1.36	$3.13	$1.77		339
O. D. Allyn, 281 Locust street,	1400	.77	1.20	.43		48
O. D. Allyn, 65 Sycamore street,	600	.43	.73	.30		29
American Writing, I Main street,	11000	4.93	9.13	4.20		47
Geo. P. B. Alderman, 439 High street,	10300	4.55	3.26		1.29	125
E. L. Alderman, 455 High street,	10600	4.68	5.60	.92		64
N. P. Avery, 227 Pine street,	700	.47	.73	.26		56
C. E. Ball, 223 High street,	30500	13.46	11.87		1.59	77
E. Benard & Son, 174 Lyman street,	1900	.98	3.49	2.96		18
E. Benard & Son, 180 Lyman street,	3900	1.83	2.00	.17		104
Frank Beebe, The Maplewood,	28000	12.57	14.80	2.23		423
F. J. Baker, 590 High street,	1500	.81	.73		.08	52
P. Beaucamp & Son, 35 Commercial street,	23900	10.33	6.60		3.73	81
P. Beaucamp & Son, 5 Plymouth place,	4600	2.13	4.27	2.14		29
Bibeau & Masse. 41 High street,	3300	1.57	5.73	4.16		16
Lucy Bork, 946 Dwight street,	6800	3.14	6.73	3.59		44
Mrs. J. Boyer, 122 South street,	4600	2.21	5.20	2.99		51
John H. Bell, 10 Cottage avenue,	1300	.72	.74	.02		38
Thomas J. Carmody, 156 Pine street,	400	.34	.73	.39		49
J. J. Cavanaugh, 142 Pine street,	2000	1.02	1.47	.45		44

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Robert Clark, 1446 Dwight street,	1600	.85	.73		.12	35
Dr. Cloutier, 243 Main street,	2900	1.48	2.27	.79		176
Dr. Cloutier, 251 Main street,	1000	.60	1.47	.87		27
Coffey Estate, 764 Dwight street,	3100	1.49	4.00	2.51		22
L. J. Comstock, 260 Hampden street,	2000	1.02	7.87		6.85	35
Thomas F. Connor, 98 Maple street,	38400	16.57	10.93		5.64	79
Caledonian Club, 185 High street,	29400	12.75	5.53		7.22	323
Mrs. Abbie Cray, 712 Dwight street,	8700	3.95	5.80	1.85		62
Margaret Cunningham, 302 High street,	18500	8.36	9.80	1.44		66
M. D. Curley, 20 High street,	9500	4.21	6.20	1.99		73
Curran Bros., 463 Main street,	9100	4.04	7.00	2.96		44
Dean & Dennis, 128 High street,	5400	2.55	4.33	1.78		38
Thomas Dillon, 514 High street,	5800	2.72	5.13	2.41		54
Thomas Dillon, 163 Lyman street,	17800	7.74	4.60		3.14	131
Moses Ehrlich, 271 Main street,	8600	3.91	11.67	7.76		25
E. A. Ellsworth, 32 Essex street,	5900	2.68	5.87	3.19		46
Ely Lumber Co., 313 Maple street,	3700	1.82	4.47	2.65		20
Ely Lumber Company, 315 Maple street,	11400	5.10	5.80	.70		61
A. Ferguson, 133 Brown avenue,	1200	.68	1.47	.79		26
A. Ferguson, "Princeton,"	13300	6.15	14.67	8.25		60
A. Ferguson, "Cambridge,"	9600	4.58	14.67	10.09		63
Field & Sinclair, 168 Oak street,	4000	2.20	2.14		.06	88

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
J. H. Fitzsimmons, 397 Main street,	6100	2.84	6.40	3.56		29
J. H. Fitzsimmons, 393 Main street,	6300	2.93	3.94	1.01		59
Estate George Geiger, Westfield Road,	1200	.68	1.80	1.12		41
Margaret Gallivan, 194 High street,	11000	5.18	7.54	2.36		34
Germania Block, 349 Park street,	63000	27.28	30.00	2.72		56
T. J. Gibson, E. Dwight street,	3000	1.45	1.47	.02		45
Patrick Green, 52 Lyman street,	5900	2.68	6.87	4.19		27
Patrick Hafey Estate, 321 High street,	13000	5.70	4.14		1.56	90
John T. Hartnett, 654 High street,	4500	2.08	4.40	2.32		25
John Heinritz, 401 Main street,	1100	.64	2.74	2.10		16
Hennick & Seibel, 11 Hampshire street,	6300	2.92	6.60	3.67		29
John Hildreth, 211 Main street,	10100	4.54	5.74	1.20		
G. E. Hobbs, 110 Race street,	2800	1.44	1.93	.49		48
Holyoke Machine Co., 466 Main street,	10200	4.59	10.40	5.81		36
Holyoke Belting Co., Appleton street,	19000	6.08	1.47		4.61	102
Holyoke Water Power, Canal street,	2700	1.40	2.87	1.47		44
Maurice Kaplinski, 613 Bridge street,	6000	2.72	5.20	2.48		41
James Kennedy, 522 Summer street,	6500	2.93	6.14	3.21		22
James Kennedy, 217 Lyman street,	10500	4.88	6.67	1.79		57
John J. Kirkpatrick, 18 Howard street,	300	.22	.37	.15		34
L. A. Lafrance, 59 Bowers street,	21800	9.52	22.00	12.48		30
L. A. Lafrance, 92 Lyman street,	10700	4.72	9.40	4.68		45

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
L. A. Lapense, 65 Main street,	6900	3.18	4.20	1.02		17
Ed. Lapoint, 570 Summer street,	3000	1.45	5.94	4.49		13
A. Lavoie, 17 Fountain street,	3200	1.53	4.80	3.27		19
Joseph Lynn, 311 Walnut street,	.600	.43	.74	.31		20
E. L. Lyman, 569 Dwight street,	13100	5.74	3.74		2.00	99
E. L. Lyman, 569 Dwight street,	1400	.85	.80		.05	
Lyman Mills, 112-136 Lyman street,	20200	9.09	15.14	6.05		19
Lyman Mills, 1-16 Hampden street,	52900	22.98	28.00	5.02		85
Lyman Mills, Oliver street,	28200	12.49	16.00	3.51		17
Jens J. Madsen, 162 Lincoln street,	300	.30	.74	.44		18
Rev. Fr. Marchand, 23 Prospect street,	5600	2.55	3.00	.45		50
Estate W. L. Martin, 154 High street,	11500	5.14	4.13		1.01	79
McAuslan & Wakelin, 233 High street,	5400	2.55	5.84	3.39		130
McAuslan & Wakelin, 234 Maple street,	11200	5.43	4.60		.83	15
J. K. McCarthy, 515 High street,	4200	1.96	3.47	1.51		39
McLean Bros., 386 High street,	9200	4.16	2.74		1.42	202
McLean Bros., 384 High street,	500	.38	.54	.16		22
Hugh McLean, 8 Glen street,	1100	.64	.74	.10		38
Osia Menard, 94 High street,	6500	3.01	4.67	1.66		49
James Moffatt, 50 Taylor street,	1300	.72	1.47	.75		35
William Morrison, 370 Maple street,	17400	7.65	12.60	4.95		57
H. J. Mondor, 171 Elm street,	31300	13.80	20.73	6.93		76

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Val Moquin, 76 Lyman street,	9200	4.33	11.27	6.94		40
Val Moquin, 41 Union street,	6700	3.10	7.67	4.57		25
New Eng. Tel. & Tel. 18 Suffolk street,	5600	2.55	1.34		1.21	39
George F. O'Connor, 441 High street,	17800	7.74	4.80		2.94	135
J. H. O'Connell, 455 Dwight street,	43900	18.91	6.47		12.44	295
William O'Connell, Beacon avenue,	1700	.89	.74		.15	82
Wm. and Thos. Orrell, 158 High street,	4500	2.08	6.60	4.52		29
Isabella T. O'Connor, Dwight street,	18200	8.58	19.94	11.36		56
George A. Plimpton, 155 High street,	8000	3.65	6.40	2.75		43
C. M. Porter, 579 Dwight street,	4900	2.25	3.60	1.35		89
C. B. Prescott, Holyoke Club,	2700	1.40	1.14		.26	19
J. N. Prew, 40 Main street,	7400	3.40	6.80	3.40		15
Casper Ranger, Appleton street,	2900	1.73	1.00		.73	140
James J. Reardon, 215 High street,	4900	2.33	5.67	3.34		37
Charles Rheaume, 555 Summer street,	3900	1.83	5.80	3.97		17
Louis Ricklas, 92 High street,	7500	3.44	7.07	3.63		60
Clovis Roberts, 338 Main street,	13500	5.99	8.00	2.01		99
Morris Ruther, 17 Glen street,	300	.30	.74	.44		18
R. W. Sanderson, 111 High street,	27200	11.81	7.74		4.07	101
C. M. Sheldon, Bridge street,	4300	2.00	8.00	6.00		17
A. F. Sickman, 161 Lincoln street,	700	.47	.87	.40		42
Martin Smith, 88 Pleasant street,	800	.51	.74	.23		32

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Jacob Solin, 101 Hampden street,	1600	.93	3.34	2.41		16
Henry Southier, Olive avenue,	700	.47	1.47	1.00		19
St. Jerome Tem. Society, Maple street,	7400	3.40	2.40		1.00	
St. Jerome Ins. School, Hampden street,	30700	13.22	1.80		11.42	
J. F. Sullivan, 719 Dwight street,	29200	12.58	8.80		3.78	131
Thomas E. Sullivan, 94 Pleasant street,	500	.38	.74	.36		10
Elphege St. Jacques, 3 Ely street,	2500	1.23	3.00	1.77		30
Clement Terrien, 84 East street,	10700	4.72	9.07	4.35		38
James L. Tighe, 259 Hampden street,	7600	3.40	4.20	.80		167
James L. Tighe, 265 Hampden street,	3900	1.83	4.80	2.97		49
Annie Towvin, 409 Main street,	33600	14.53	13.14		1.39	88
Transcript Pub. Co., High street,	3000	1.53	1.54	.01		12
A. R. Vincent, 337 Main street,	8100	3.69	8.33	4.64		44
Michael Walsh, 34 Pearl street,	1000	.60	.87	.27		30
J. B. Williams, 209 Walnut street,	1700	.89	1.60	.71		137
Sarah A. Wolcott, 229 High street,	4900	2.25	3.60	1.35		46
				$260.52	$73.74	

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REPORT FOR MONTH OF JUNE, 1907.

Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
A. O. H. Society, Front street,	900	$ .54	$3.13	$2.59		113
O. D. Allyn, 281 Locust street,	1200	.67	2.00	1.33		43
O. D. Allyn, 65 Sycamore street,	700	.46	1.53	1.07		35
American Writing, 1 Main street,	14600	6.46	12.06	5.60		64
Geo. P. B. Alderman, 439 High street,	3100	1.48	3.80	2.32		39
E. L. Alderman, 455 High street,	6400	2.88	9.00	6.12		40
N. P. Avery, 227 Pine street,	700	.46	1.53	1.07		58
C. E. Ball, 223 High street,	24700	11.00	14.80	3.80		64
Frank Beebe, The Maplewood,	21900	9.97	11.40	1.43		342
F. J. Baker, 590 High street,	700	.46	.73	.27		25
P. Beaucamp & Son, 31 and 35 Commercial,	19000	8.24	6.60		1.64	67
P. Beaucamp & Son, 5 Plymouth place,	5200	2.37	4.27	1.90		34
Bibeau & Masse. 41 High street,	3400	1.61	5.13	3.52		17
Lucy Bork, 946 Dwight street,	9300	4.20	7.26	3.06		63
Mrs. J. Boyer, Elmwood Pharmacy,	4300	2.08	6.53	4.45		49
John H. Bell, 10 Cottage avenue,	1400	.76	1.53	.77		50
Thomas J. Carmody, 156 Pine street,	500	.37	1.53	1.16		62
Robert Clark, 1446 Dwight street,	1500	.80	1.53	.73		34
Dr. Cloutier, 243 Main street,	2800	1.44	3.06	1.62		175
Dr. Cloutier, 251 Main street,	1300	.71	2.00	1.29		36
Coffey Estate, 764 Dwight street,	3100	1.48	4.00	2.52		23

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
L. J. Comstock, 260 Hampden street,	1800	.93	8.53	7.60		31
Thomas F. Connor, 98 Maple street,	18800	8.24	12.86	4.62		39
Caledonian Club, High street,	12400	5.52	5.60	.08		141
Mrs. Abbie Cray, 712 Dwight street,	10400	4.67	6.86	2.19		77
Margaret Cunningham, 302 High street,	16300	7.43	10.13	2.70		60
M. D. Curley, 20 High street,	14900	6.49	6.20		.29	113
Curran Bros., 463 Main street,	25200	10.87	7.00		3.87	126
Dean & Dennis, 128 High street,	3500	1.74	4.33	2.59		26
Thomas Dillon, 514 High street,	7900	3.61	5.13	1.52		76
Thomas Dillon, 163 Lyman street,	16800	7.30	5.66		1.64	127
Patrick J. Dowd, 142 Pine street,	2200	1.10	2.27	1.17		50
Florence J. Donoghue, 174 Lyman street,	1300	.71	4.46	3.75		13
Florence J. Donoghue, 180 Lyman street,	9800	4.33	2.00		2.33	272
Moses Ehrlich, 271 Main street,	8800	3.99	12.20	8.21		27
E. A. Ellsworth, 32 Essex street,	7500	3.35	5.87	2.52		61
Ely Lumber Co., 313 Maple street,	4000	1.95	5.26	3.31		22
Ely Lumber Company, 315 Maple street,	14300	6.33	5.80		.53	79
A. Ferguson, 133 Brown avenue,	1300	.71	2.26	1.55		30
A. Ferguson, "Princeton,"	13600	6.28	15.66	9.38		63
A. Ferguson, "Cambridge,"	10800	5.09	14.66	9.57		73
Field & Sinclair, 168 Oak street,	4500	2.41	5.33	2.92		102
J. H. Fitzsimmons, 397 Main street,	7000	3.23	6.93	3.70		35

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
J. H. Fitzsimmons, 393 Main street,	6900	3.18	3.93	.75		66
Estate George Geiger, Westfield Road,	1600	.84	2.40	1.56		57
Margaret Gallivan, 194 High street,	12300	5.73	10.06	4.33		40
Germania Block, 349 Park street,	89500	38.54	30.00		8.54	82
T. J. Gibson, E. Dwight and Center,	2600	1.27	1.46	.19		41
Patrick Green, 52 Lyman street,	6000	2.71	7.33	4.62		28
Patrick Hafey Estate, 321 High street,	14900	6.49	6.40		.09	106
John T. Hartnett, 654 High street,	5800	2.63	4.40	1.77		33
John Heinritz, 401 Main street,	900	.54	5.13	4.59		13
Hennick & Seibel, 11 Hampshire street,	6500	3.01	6.60	3.59		31
John Hildreth, 211 Main street,	7500	3.44	5.73	2.29		*
G. E. Hobbs, 110 Race street,	5100	2.42	1.93		.49	91
Holyoke Belting Co., Appleton street,	13100	5.73	2.06		3.67	99
Holyoke Machine Co., 466 Main street,	11900	5.31	12.26	6.95		43
Holyoke Water Power, Canal and Main streets,	3000	1.53	6.06	4.53		50
Maurice Kaplinski, 613 Bridge street,	5600	2.54	5.20	2.66		40
James Kennedy, 522 Summer street,	6200	2.80	6.13	3.33		21
James M. Kennedy, 217 Lyman street,	13000	5.94	7.20	1.26		72
L. A. Lafrance, 61 Bowers street,	20700	9.05	22.00	12.95		29
L. A. Lafrance, 92 Lyman street,	13300	5.81	9.40	3.59		57
L. A. Lapense, 65 Main street,	9100	4.12	4.93	.81		30

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Ed. Lapoint, 570 Summer street,	3500	1.65	5.93	4.28		15
A. Lavoie, 17 Fountain street,	3900	1.82	4.80	2.98		24
Joseph Lynn, 311 Walnut street,	800	.50	1.53	1.03		28
E. L. Lyman, 569 Dwight street,	26300	11.34	4.80		6.54	205
E. L. Lyman, 569 Dwight street,	3700	1.82	.80		1.02	
Lyman Mills, Lyman street,	24500	10.91	16.00	5.09		24
Lyman Mills, Hampden street,	49100	21.37	27.46	6.09		82
Lyman Mills, Oliver street,	59800	26.42	32.00	5.58		19
Jens J. Madsen, 162 Lincoln street,	300	.29	.73	.44		19
Rev. Fr. Marchand, 23 Prospect street,	16600	7.22	3.00		4.22	15
Estate W. L. Martin, 154 High street,	6700	3.10	4.06	.96		48
McAuslan & Wakelin, 233 High street,	5700	2.67	7.40	4.73		143
McAuslan & Wakelin, 234 Maple street,	12400	5.93	5.13		.80	17
J. K. McCarthy, 515 High street,	5400	2.46	3.46	1.00		52
McLean Bros., 386 High street,	2800	1.44	3.40	1.96		63
Hugh McLean, 8 Glen street,	1200	.67	1.53	.86		43
McLean Bros., 384 High street,	600	.42	1.06	.64		21
Osia Menard, 94 High street,	10400	4.67	6.53	1.86		81
James Moffatt, 50 Taylor street,	1100	.63	1.46	.83		31
William Morrison, 370 Maple street,	17500	7.69	13.40	5.71		59
H. J. Mondor, 171 Elm street,	31700	13.97	21.53	7.56		83
Val Moquin, 76 Lyman street,	17100	7.68	13.46	5.78		76

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Val Moquin, 41 Union street,	8000	3.65	7.67	4.02		23
New Eng. Tel. & Tel. Suffolk street,	5900	2.67	2.13		.54	42
George F. O'Connor, 441 High street,	19300	8.36	6.66		1.70	150
J. H. O'Connell, 455 Dwight street,	37900	16.36	8.93		7.43	263
William O'Connell, Beacon avenue,	1500	.80	.73		.07	75
John T. O'Donnell, 62 East street,	13600	6.03	10.26	4.23		45
Wm. and Thos. Orrell, 158 High street,	4500	2.07	6.86	4.79		29
Isabella T. O'Connor, Dwight and Pine sts.,	24000	11.03	22.86	11.83		59
George A. Plimpton, 155 High street,	9200	4.16	7.80	3.64		51
C. M. Porter, 579 Dwight street,	5600	2.54	5.46	2.92		78
C. B. Prescott, Holyoke Club,	6500	3.01	8.93	5.92		46
J. N. Prew, 40 Main street,	8700	3.95	6.80	2.85		18
Casper Ranger, 507 Appleton street,	2500	1.56	1.80	.24		125
James J. Reardon, 215 High street,	5200	2.46	6.73	4.27		41
Charles Rheaume, 555 Summer street,	3900	1.82	5.80	3.98		18
Louis Ricklas, 94 High street,	7600	3.48	6.80	3.32		63
Clovis Roberts, 338 Main street,	14000	6.20	8.66	2.46		106
Morris Ruther, 17 Glen street,	400	.33	1.53	1.20		25
R. W. Sanderson, 111 High street,	14200	6.29	8.13	1.84		55
C. M. Sheldon, Bridge street,	5300	2.41	8.00	5.59		22
A. F. Sickman, 161 Lincoln street,	700	.46	1.66	1.20		43
Martin Smith, 88 Pleasant street,	800	.50	1.53	1.03		33

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Jacob Solin, 101 Hampden street,	2000	1.10	3.33	2.23		20
Henry Southier, Olive avenue,	700	.46	1.47	1.01		20
St. Jerome Tem. Society, Maple street,	9500	4.29	3.06		1.23	
St. Jerome Ins. School, Hampden street,	30900	13.29	1.80		11.49	
J. F. Sullivan, 719 Dwight street,	43300	18.56	10.13		8.43	200
Thomas E. Sullivan, 94 Pleasant street,	600	.42	.73	.31		13
Elphege St. Jacques, 3 Ely street,	5100	2.33	5.66	3.33		35
Clement Terrien, 84 East street,	12600	5.52	9.06	3.54		46
James L. Tighe, 259 Hampden street,	6600	2.97	6.60	3.63		150
James L. Tighe, 265 Hampden street,	3800	1.78	4.80	3.02		50
Napoleon Bluteau, 409 Main street,	36800	15.89	13.66		2.23	100
Transcript Pub. Co., 180 High street,	2700	1.40	1.53	.13		11
A. R. Vincent, 337 Main street,	10400	4.67	10.20	5.53		58
Michael Walsh, 34 Pearl street,	1200	.67	1.80	1.13		38
J. B. Williams, 209 Walnut street,	1400	.76	2.40	1.64		117
Sarah A. Wolcott, 229 High street,	2600	1.27	4.13	2.86		25
John J. Kirkpatrick, 18 Howard street,	800	.50	1.53	1.03		40
				$325.87	$68.79	

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REPORT FOR MONTH OF JULY, 1907.

Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
A. O. H. Society, Front street,	2100	1.06	3.14	2.08		254
O. D. Allyn, 281 Locust street,	1000	.60	2.00	1.40		35
O. D. Allyn, 65 Sycamore street,	400	.34	1.53	1.19		19
American Writing, 1 Main street,	19000	8.33	12.07	3.74		81
Geo. P. B. Alderman, 439 High street,	1800	.94	3.80	2.86		22
E. L. Alderman, 455 High street,	6300	2.85	9.00	6.15		38
N. P. Avery, 227 Pine street,	400	.34	1.53	1.19		32
F. J. Baker, 590 High street,	700	.47	.74	.27		24
C. E. Ball, 223 High street,	22800	10.19	14.80	4.61		59
P. Beaucamp & Son, 35 Commercial street,	13700	5.99	6.60	.61		47
P. Beaucamp & Son, 5 Plymouth place,	5100	2.34	4.27	1.93		33
Bibeau & Masse. 41 High street,	3400	1.62	5.14	3.52		16
Lucy Bork, 946 Dwight street,	10800	4.84	7.27	2.43		70
Mrs. J. Boyer, Elmwood Pharmacy,	4800	2.29	6.53	4.24		53
John H. Bell, 10 Cottage avenue,	1200	.68	1.54	.86		41
Thomas J. Carmody, 156 Pine street,	4600	2.13	1.54		.59	556
Robert Clark, 1446 Dwight street,	1700	.89	1.54	.65		38
Dr. Cloutier, 243 Main street,	2300	1.23	3.07	1.84		139
Dr. Cloutier, 251 Main street,	1500	.81	2.00	1.19		40
Coffey Estate, 746 Dwight street,	3100	1.49	4.00	2.51		22
L. J. Comstock, 260 Hampden street,	1900	.98	8.54	7.56		32

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Thomas J. Connors, 98 Maple street,	22800	9.94	12.87	2.93		46
Caledonian Club, 185 High street,	20000	8.75	5.60		3.15	220
Mrs. Abbie Cray, 712 Dwight street,	15600	6.88	6.87		.01	111
Margaret Cunningham, 302 High street,	10200	4.84	10.13	5.29		36
M. D. Curley, 20 High street,	14800	6.46	6.20		.26	109
Curran Bros., 463 Main street,	22100	9.56	7.00		2.56	107
Dean & Dennis, 128 High street,	5400	2.55	4.34	1.79		38
Thomas Dillon, 514 High street,	7900	3.61	5.14	1.53		74
Thomas Dillon, 163 Lyman street,	16300	7.10	5.67		1.43	120
Patrick J. Dowd, 142 Pine street,	1900	.98	2.27	1.29		42
Florence J. Donoghue, 174 Lyman street,	2200	1.11	4.47	3.36		20
Florence J. Donoghue, 180 Lyman street,	14200	6.21	2.00		4.21	381
Moses Ehrlich, 271 Main street,	8700	3.95	12.20	8.25		26
E. A. Ellsworth, 32 Essex street,	6100	2.76	5.86	3.10		48
Ely Lumber Co., 313 Maple street,	3300	1.65	5.27	3.62		18
Watson Ely Estate, 315 Maple street,	13600	6.03	5.80		.23	73
A. Ferguson, 133 Brown avenue,	1200	.68	2.27	1.59		27
A. Ferguson, "Princeton,"	13200	6.11	15.67	9.56		59
A. Ferguson, "Cambridge,"	8700	4.20	14.67	10.47		57
Field & Sinclair, 168 Oak street,	4400	2.37	5.34	2.97		97
J. H. Fitzsimmons, 397 Main street,	5500	2.59	6.94	4.35		27
J. H. Fitzsimmons, 393 Main street,	5700	2.67	3.94	1.27		63

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Estate George Geiger, Westfield Road,	1700	.89	2.40	1.51		59
Margaret Gallivan, 194 High street,	10900	5.13	10.07	4.94		34
Germania Block, 349 Park street,	62500	27.06	30.00	2.94		56
T. J. Gibson, E. Dwight and Center,	2200	1.11	1.47	.36		33
Victor Langelier, 52 Lyman street,	7400	3.32	7.33	4.01		34
Patrick Hafey Estate, 321 High street,	16600	7.23	6.40		.83	115
John T. Hartnett, 654 High street,	5900	2.68	4.40	1.72		32
John Heinritz, 401 Main street,	2100	1.06	5.13	4.07		30
Hennick & Seibel, 11 Hampshire street,	4400	2.12	6.60	4.48		21
John Hildreth, 211 Main street,	5000	2.38	5.73	3.35		*
G. E. Hobbs, 110 Race street,	1900	1.06	1.94	.88		33
Holyoke Belting Co., Appleton street,	11900	5.23	2.07		3.16	87
Holyoke Machine Co., 466 Main street,	11400	5.10	12.27	7.17		41
Holyoke Water Power, Canal and Main,	2600	1.36	6.07	4.71		42
Maurice Kaplinski, 613 Bridge street,	5600	2.55	5.20	2.65		39
James Kennedy, 522 Summer street,	5200	2.37	6.13	3.76		17
James Kennedy, 217 Lyman street,	11600	5.35	7.20	1.85		62
John J. Kirkpatrick, 18 Howard street,	400	.34	1.54	1.20		19
L. A. Lafrance, 61 Bowers street,	21700	9.47	22.00	12.53		29
L. A. Lafrance, 92 Lyman street,	9300	4.12	9.40	5.28		39
L. A. Lapense, 65 Main street,	8500	3.86	4.93	1.07		21

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Ed. Lapoint, 570 Summer street,	3400	1.62	5.93	4.31		14
A. Lavoie, 17 Fountain street,	4500	2.08	4.80	2.72		27
Joseph Lynn, 311 Walnut street,	1000	.60	1.54	.94		35
E. L. Lyman, 569Dwight street,	15400	6.72	4.80		1.92	116
E. L. Lyman, 569 Dwight street,	9000	4.08	.80		3.28	**
Lyman Mills, 112-136 Lyman street,	26600	11.81	16.00	4.19		26
Lyman Mills, 1 to 16 Hampden street	48700	21.20	27.47	6.27		71
Lyman Mills, Oliver street,	66200	29.14	32.00	2.86		20
Jens J. Madsen, 162 Lincoln street ,	300	.30	.73	.43		18
Rev. Fr. Marchand, 23 Prospect street,	2900	1.40	3.00	1.60		26
Estate W. L. Martin, 154 High street,	7000	3.23	4.07	.84		49
McAuslan & Wakelin, 233 High street,	8200	3.74	7.40	3.66		198
McAuslan & Wakelin, 234 Maple street,	13300	6.32	5.13		1.19	17
J. K. McCarthy, 515 High street,	4300	2.00	3.47	1.47		40
McLean Bros., 386 High street,	6400	2.97	3.40	.43		140
Hugh McLean, 8 Glen street,	1200	.68	1.53	.85		42
McLean Bros., 384 High street,	500	.38	1.07	.69		17
Osia Menard, 94 High street,	11200	5.01	6.53	1.52		85
James Moffatt, 50 Taylor street,	1200	.68	1.47	.79		32
William Morrison, 370 Maple street,	17600	7.73	13.40	5.67		58
H. J. Mondor, 171 Elm street,	26300	11.68	21.54	9.86		67

**Coffee Grinder.

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Val Moquin, 76 Lyman street,	22400	9.94	13.47	3.53		97
Val Moquin, 41 Union street,	15200	6.71	7.67	.96		43
New Eng. Tel. & Tel. 18 Suffolk street,	2700	1.32	2.13	.81		19
George F. O'Connor, 441 High street,	16400	7.14	6.67		.47	125
J. H. O'Connell, 455 Dwight street,	45000	19.38	8.94		10.44	302
William O'Connell, Beacon avenue,	1300	.72	.73	.01		62
John T. O'Donnell, 62 East street,	19200	8.41	10.27	1.86		62
Wm. and Thos. Orrell, 158 High street,	3600	1.70	6.87	5.17		23
Isabella T. O'Connor, Pine and Dwight sts.,	29400	13.34	22.87	9.53		70
George A. Plimpton, 155 High street,	9500	4.29	7.80	3.51		51
C. M. Porter, 579 Dwight street,	5000	2.30	5.47	3.17		67
C. B. Prescott, Holyoke Club,	7600	3.48	8.93	5.45		53
J. N. Prew, 40 Main street,	12000	5.35	6.80	1.45		24
Casper Ranger, 507 Appleton street,	3000	1.78	1.80	.02		145
James J. Reardon, 215 High street,	5900	2.76	6.74	3.98		46
Charles Rheaume, 555 Summer street,	3800	1.79	5.80	4.01		17
Louis Ricklas, 92 High street,	10600	4.76	6.80	2.04		85
Clovis Roberts, 338 Main street,	13000	5.78	8.67	2.89		95
Morris Ruther, 17 Glen street,	500	.38	1.54	1.16		30
C. M. Sheldon, Bridge street,	5700	2.59	8.00	5.41		23
A. F. Sickman, 161 Lincoln street,	900	.55	1.67	1.12		54
Martin Smith, 88 Pleasant street,	800	.51	1.54	1.03		32

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Jacob Solin, 101 Hampden street,	1900	1.06	3.34	2.28		18
Henry Southier, Olive avenue,	700	.47	1.46	.99		19
St. Jerome Tem. Society, Maple street,	3100	1.57	3.07	1.50		
St. Jerome Ins. School, Hampden street,	29500	12.71	1.80		10.91	
J. F. Sullivan, 719 Dwight street,	39000	16.75	10.13		6.62	175
Thomas E. Sullivan, 94 Pleasant street,	700	.47	.73	.26		14
Elphege St. Jacque, 3 Ely street,	4700	2.17	5.67	3.50		32
Clement Terrien, 84 East street,	10600	4.68	9.07	4.39		37
James L. Tighe, 907 Hampden street,	5600	2.55	6.60	4.05		123
James L. Tighe, 913 Hampden street,	3700	1.74	4.80	3.06		47
Napoleon Bluteau, 409 Main street,	27200	11.81	13.67	1.86		72
Transcript Pub. Co., 180 High street,	2400	1.27	1.54	.27		10
A. R. Vincent, 337 Main street,	10800	4.84	10.20	5.36		58
Michael Walsh, 34 Pearl street,	1200	.68	1.80	1.12		36
J. B. Williams, 209 Walnut street,	1300	.72	2.40	1.68		104
Sarah Wolcott, 229 High street,	2900	1.40	4.14	2.74		27
R. W. Sanderson, 111 High street,	17100	7.52	8.14	.62		64
Frank Beebe, "The Maplewood,"	5100	2.84	11.40	8.56		77
				$329.13	$51.26	

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REPORT FOR MONTH OF AUGUST, 1907.

Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
A. O. H. Society, Front street,	1800	$ .94	$3.13	$2.19		218
O. D. Allyn, 281 Locust street,	1500	.81	2.00	1.19		51
O. D. Allyn, 65 Sycamore street,	700	.47	1.54	1.07		34
American Writing, 1 Main street,	17500	7.69	12.07	4.38		74
Geo. P. B. Alderman, 439 High street,	2500	1.23	3.80	2.57		30
E. L. Alderman, 455 High street,	6800	3.06	9.00	5.94		41
N. P. Avery, 227 Pine street,	600	.43	1.54	1.11		48
C. E. Ball, 223 High street,	25400	11.30	14.80	3.50		64
Frank Beebe, "Maplewood,"	13300	6.32	11.40	5.08		201
F. J. Baker, 590 High street,	600	.43	.73	.30		21
P. Beaucamp & Son, 35 Commercial street,	14600	6.38	6.60	.22		50
P. Beaucamp & Son, Plymouth place,	6500	2.93	4.27	1.34		42
Bibeau & Masse. 41 High street,	4600	2.13	5.13	3.00		22
Lucy Bork, 946 Dwight street,	7800	3.57	7.27	3.70		51
Mrs. J. Boyer, Elmwood Pharmacy,	5500	2.59	6.54	3.95		61
John H. Bell, Cottage avenue,	1700	.89	1.53	.64		59
Thomas J. Carmody, 156 Pine street,	3300	1.57	1.53		.04	399
Robert Clark, 1446 Dwight street,	2000	1.02	1.53	.51		44
Dr. Cloutier, 243 Main street,	2500	1.31	3.07	1.76		151
Dr. Cloutier, 251 Main street,	1600	.85	2.00	1.15		43
Coffey Estate, 764 Dwight street,	3200	1.53	4.00	2.47		24

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
L. J. Comstock, 260 Hampden street,	2300	1.15	8.53	7.38		39
Thomas F. Connor, 96 Maple street,	31000	13.43	12.87		.56	63
Caledonian Club, 185 High street,	21500	9.39	5.60		3.79	236
Mrs. Abbie Cray, 712 Dwight street,	16700	7.35	6.87		.48	118
Margaret Cunningham, 302 High street,	11900	5.56	10.14	4.58		42
M. D. Curley, 20 High street,	8000	3.57	6.20	2.63		58
Curran Bros., 463 Main street,	18800	8.16	7.00		1.16	91
Dean & Dennis, 128 High street.	6500	3.01	4.33	1.32		46
Thomas Dillon, 514 High street,	6100	2.84	5.13	2.29		57
Thomas Dillon, 163 Lyman street,	16500	7.18	5.67		1.51	121
Patrick J. Dowd, 142 Pine street,	1200	.68	2.26	1.58		26
Florence J. Donoghue, 174 Lyman street,	2200	1.11	4.47	3.36		20
Florence J. Donoghue, 180 Lyman street,	13700	5.99	2.00		3.99	368
Moses Ehrlich, 271 Main street,	9700	4.38	12.20	7.82		29
E. A. Ellsworth, 32 Essex street,	7300	3.27	5.87	2.60		57
Ely Lumber Co., 313 Maple street,	3700	1.82	5.27	3.45		20
Ely Lumber Co., 315 Maple street,	16100	7.09	5.80		1.29	87
A. Ferguson, 133 Brown avenue,	1300	.72	2.27	1.55		28
A. Ferguson, "Princeton,"	14000	6.45	15.67	9.22		62
A. Ferguson, "Cambridge,"	9900	4.71	14.67	9.96		65
Field & Sinclair, 168 Oak street,	7000	3.48	5.33	1.85		163
J. H. Fitzsimmons, 393 Main street,	5100	2.42	3.93	1.51		47

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
J. H. Fitzsimmons, 397 Main street,	5200	2.46	6.93	4.47		25
Estate George Geiger, Westfield Road,	3100	1.49	2.40	.91		107
Margaret Gallivan, 194 High street,	13000	6.03	10.07	4.04		40
Germania Block, 349 Park street,	56400	24.47	30.00	5.53		50
T. J. Gibson, Center street,	1800	.94	1.47	.53		27
Victor Langelier, 52 Lyman street,	4800	2.21	7.34	5.13		22
Patrick Hafey Estate, 321 High street,	21200	9.18	6.40		2.78	152
John T. Hartnett, 654 High street,	6100	2.76	4.40	1.64		34
John Heinritz, 401 Main street,	1900	.98	5.14	4.16		27
Hennick & Seibel, 11 Hampshire street,	4200	2.04	6.60	4.56		19
John Hildreth, 211 Main street,	6200	2.89	5.74	2.85		*
G. E. Hobbs, 110 Race street,	2200	1.19	1.93	.74		38
Holyoke Belting Co., Appleton street,	14900	6.50	2.07		4.43	109
Holyoke Machine Co., 466 Main street,	10600	4.76	12.27	7.51		37
Holyoke Water Power, Canal and Main streets	6100	2.84	6.07	3.23		98
Maurice Kaplinski, 613 Bridge street,	5900	2.68	5.20	2.52		41
James Kennedy, 522 Summer street,	7800	3.50	6.14	2.64		25
James Kennedy, 217 Lyman street,	14900	6.75	7.20	.45		80
John J. Kirkpatrick, 18 Howard street,	1400	.77	1.53	.76		67
L. A. Lafrance, 61 Bowers street,	25100	10.92	22.00	11.08		350
L. A. Lafrance, 92 Lyman street,	12400	5.44	9.40	3.96		52

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
L. A. Lapense, 65 Main street,	6300	2.93	4.94	2.01		15
Ed. Lapoint, 570 Summer street,	4400	2.04	5.94	3.90		18
A. Lavoie, 17 Fountain street,	4200	1.96	4.80	2.84		25
Joseph Lynn, 311 Walnut street,	1100	.64	1.53	.89		38
E. L. Lyman, 569 Dwight street,	11000	4.85	4.80		.05	83
E. L. Lyman, 569 Dwight street,	4300	2.08	.80		1.28	**
Lyman Mills, Lyman street,	27800	12.32	16.00	3.68		26
Lyman Mills, Hampden street,	50500	21.96	27.47	5.51		81
Lyman Mills, Oliver street,	70600	31.01	32.00	.99		22
Jens J. Madsen, 162 Lincoln street,	400	.34	.74	.40		24
Rev. Fr. Marchand, 23 Prospect street,	4700	2.17	3.00	.83		42
Estate W. L. Martin, 154 High street,	9700	4.38	4.07		.31	67
McAuslan & Wakelin, 233 High street,	7300	3.35	7.40	4.05		176
McAuslan & Wakelin, 234 Maple street,	11600	5.60	5.14		.46	15
J. K. McCarthy, 515 High street,	3000	1.45	3.47	2.02		27
McLean Bros., 386 High street,	3100	1.57	3.40	1.83		68
Hugh McLean, 8 Glen street,	1800	.94	1.54	.60		62
McLean Bros., 384 High street ,	700	.47	1.07	.60		24
Osia Menard, 94 High street,	8400	3.82	6.54	2.72		64
James Moffatt, 50 Taylor street,	1100	.64	1.47	.83		30
William Morrison, 370 Maple street,	19300	8.45	13.40	4.95		63

**Coffee Grinder.

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
H. J. Mondor, 171 Elm street,	23200	10.36	21.53	11.17		59
Val Moquin, 76 Lyman street,	24900	11.00	13.47	2.47		108
Val Moquin, 41 Union street,	8500	3.86	7.66	3.80		24
New Eng. Tel. & Tel. 18 Suffolk street,	4400	2.04	2.14	.10		30
George F. O'Connor, 441 High street,	17500	7.61	6.67		.94	132
J. H. O'Connell, 455 Dwight street,	19600	8.58	8.93	.35		132
William O'Connell, Beacon avenue,	1500	.81	.74		.07	73
John T. O'Donnell, 62 East street,	19400	8.50	10.27	1.77		64
Wm. and Thos. Orrell, 158 High street,	4300	2.00	6.87	4.87		27
Isabella T. O'Connor, Pine and Dwight sts.,	27500	12.52	22.87	10.35		66
George A. Plimpton, 155 High street,	11400	5.10	7.80	2.70		62
C. M. Porter, 579 Dwight street,	5200	2.38	5.47	3.09		70
C. B. Prescott, Holyoke Club,	5500	2.59	8.94	6.35		38
J. N. Prew, 40 Main street,	6500	3.01	6.80	3.79		13
Casper Ranger, 507 Appleton street,	4600	2.46	1.80		.66	223
James J. Reardon, 215 High street,	7600	3.48	6.73	3.25		57
Charles Rheaume, 555 Summer street,	4400	2.04	5.80	3.76		19
Louis Ricklas, 92 High street,	9500	4.29	6.80	2.51		77
Clovis Roberts, 338 Main street,	10100	4.54	8.67	4.13		74
Morris Ruther, 17 Glen street,	1400	.77	1.53	.76		85
R. W. Sanderson, 111 High street,	18700	8.20	8.13		.07	70
C. M. Sheldon, Bridge street,	5500	2.51	8.00	5.49		22

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
A. F. Sickman, 161 Lincoln street,	1000	.60	1.67	1.07		61
Martin Smith, 88 Pleasant street,	1100	.64	1.53	.89		44
Jacob Solin, 101 Hampden street,	2300	1.23	3.33	2.10		22
Henry Southier, Olive avenue,	800	.51	1.47	.96		21
St. Jerome Tem. Society, Maple street,	3000	1.53	3.07	1.54		
St. Jerome Ins. School, Hampden street,	19700	8.54	1.80		6.74	
J. F. Sullivan, 719 Dwight street,	31000	13.35	10.14		3.21	139
Thomas E. Sullivan, 94 Pleasant street,	800	.51	.74	.23		16
Elphege St. Jacques, 3 Ely street,	4300	2.00	5.67	3.67		29
Clement Terrien, 84 East street,	14500	6.33	9.07	2.74		52
James L. Tighe, 907 Hampden street,	4200	1.96	6.60	4.64		106
James L. Tighe, 913 Hampden street,	4300	2.00	4.80	2.80		55
Napoleon Bluteau, 409 Main street,	27900	12.11	13.67	1.56		73
Transcript Pub. Co., 184 High street,	2800	1.44	1.53	.09		11
A. R. Vincent, 337 Main street,	11200	5.01	10.20	5.19		60
Michael Walsh, 34 Pearl street,	1700	.89	1.80	.91		51
J. B. Williams, 209 Walnut street,	1400	.77	2.40	1.63		113
Sarah Wolcott, 229 High street,	2900	1.40	4.13	2.73		27
				$315.99	$33.82	

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REPORT FOR MONTH OF SEPTEMBER, 1907.

Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
A. O. H. Society, Front street,	1300	$ .71	$3.13	$2.43		163
O. D. Allyn, 281 Locust street,	700	.46	1.20	.74		25
American Writing, 1 Main street,	16800	7.39	9.13	1.74		73
Geo. P. B. Alderman, 439 High street,	2700	1.31	3.27	1.96		34
E. L. Alderman, 455 High street,	11200	4.92	5.60	.68		65
N. P. Avery, 227 Pine street,	600	.42	.73	.31		50
C. E. Ball, 223 High street,	24100	10.74	11.86	1.12		63
Frank Beebe, "The Maplewood,"	10000	4.92	14.80	9.88		156
F. J. Baker, 590 High street,	1300	.71	.73	.02		46
P. Beaucamp & Son, 31 Commercial street,	14200	6.20	6.60	.40		50
P. Beaucamp & Son, 5 Plymouth place	6300	2.84	4.26	1.42		41
Bibeau & Masse. 41 High street,	4800	2.20	5.73	3.53		24
Lucy Bork, 946 Dwight street,	8600	3.91	6.73	2.82		58
Mrs. J. Boyer, Elmwood Pharmacy,	5000	2.38	5.20	2.82		57
John H. Bell, 10 Cottage avenue,	1200	.67	.73	.06		43
Thomas J. Carmody, 156 Pine street,	300	.29	.73	.44		38
Robert Clark, 1446 Dwight street,	1500	.80	.73		.07	34
Dr. Cloutier, 243 Main street,	2400	1.27	2.26	.99		150
Dr. Cloutier, 251 Main street,	1800	.93	1.47	.54		50
Coffey Estate, 764 Dwight street,	3400	1.61	4.00	2.39		25
L. J. Comstock, 260 Hampden street,	2500	1.22	7.86	6.64		44

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Thomas F. Connor, 96 Maple street,	12700	5.65	10.93	5.28		27
Caledonian Club, 185 High street,	27500	11.94	5.53		6.41	313
Mrs. Abbie Cray, 712 Dwight street,	13900	6.16	5.80		.36	102
Margaret Cunningham, 302 High street,	9800	4.67	9.80	5.13		36
M. D. Curley, 20 High street,	10500	4.62	6.20	1.58		80
Curran Bros., 463 Main street,	26000	11.21	7.00		4.21	130
Dean & Dennis, 128 High street,	8500	3.86	4.33	.47		62
Thomas Dillon, 514 High street,	6100	2.84	5.13	2.29		58
Thomas Dillon, 163 Lyman street,	19200	8.32	4.60		3.72	145
Patrick J. Dowd, 142 Pine street,	2900	1.39	1.06		.33	66
Florence J. Donoghue, 174 Lyman street,	3200	1.52	3.93	2.41		31
Florence J. Donoghue, 180 Lyman street,	2400	1.18	2.00	.82		66
Moses Ehrlich, 271 Main street,	10100	4.54	11.66	7.12		31
E. A. Ellsworth, 32 Essex street,	8100	3.60	5.86	2.26		65
Ely Lumber Co., 313 Maple street,	5000	2.38	4.46	2.08		28
Ely Lumber Co., 315 Maple street,	6100	2.84	5.80	2.96		34
A. Ferguson, 133 Brown avenue,	1100	.63	1.46	.83		25
A. Ferguson, "Princeton,"	11300	5.30	14.66	9.36		52
A. Ferguson, "Cambridge,"	12800	5.94	14.66	8.72		86
Field & Sinclair, 168 Oak street,	2200	1.44	2.13	.69		50
J. H. Fitzsimmons, 397 Main street,	5100	2.42	6.40	3.98		26
J. H. Fitzsimmons, 393 Main street,	5500	2.59	3.93	1.34		53

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Estate George Geiger, Westfield Road,	1400	.76	1.80	1.04		50
Margaret Gallivan, 194 High street,	13500	6.24	7.53	1.29		43
Germania Block, 349 Park street,	48200	20.99	30.00	9.01		44
T. J. Gibson, Center street,	1600	.84	1.46	.62		25
Victor Langelier, 52 Lyman street,	3900	1.82	6.86	5.04		18
Patrick Hafey Estate, 321 High street,	20500	8.87	4.13		4.74	124
John T. Hartnett, 654 High street,	6000	2.71	4.40	1.69		34
John Heinritz, 401 Main street,	1400	.76	2.73	1.97		21
Hennick & Seibel, 11 Hampshire street,	4600	2.12	6.60	4.48		22
John Hildreth, 211Main street,	7600	3.48	5.73	2.25		*
G. E. Hobbs, 110 Race street,	1300	.80	1.93	1.13		23
Holyoke Machine Co., 466 Main street,	10800	4.84	10.40	5.56		39
Holyoke Belting Co., Appleton street,	11100	4.88	1.46		3.42	84
Holyoke Water Power, Main stret,	2400	1.27	2.86	1.59		40
Maurice Kaplinski, 613 Bridge street,	4700	2.16	5.20	3.04		34
James Kennedy, 522 Summer street,	8400	3.73	6.13	2.40		29
James Kennedy, 217 Lyman street,	17200	7.73	6.66		1.07	96
John J. Kirkpatrick, 18 Howard street,	600	.42	.73	.31		30
L. A. Lafrance, 61 Bowers street,	22300	9.73	22.00	12.27		32
L. A. Lafrance, 92 Lyman street,	10000	4.41	9.40	4.99		43
L. A. Lapense, 65 Main street,	7000	3.23	4.20	.97		18

*Monitor.

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Ed. Lapoint, 570 Summer street,	4900	2.24	5.93	3.69		21
A. Lavoie, 17 Fountain street,	4100	1.90	4.80	2.90		25
Joseph Lynn, 311 Walnut street,	800	.50	.73	.23		29
E. L. Lyman, Dwight street,	6800	3.05	3.73	.68		53
E. L. Lyman, Dwight street,	2800	1.44	.80		.64	**
Lyman Mills, 112-136 Lyman street,	26000	11.55	15.13	3.58		25
Lyman Mills, 1to 16 Hampden street,	51400	22.35	28.00	5.65		86
Lyman Mills, Oliver street,	60500	26.71	32.00	5.29		19
Jens J. Madsen, 162 Lincoln street,	300	.29	.73	.44		19
Rev. Fr. Marchand, 23 Prospect street,	3300	1.56	3.00	1.44		31
Estate W. L. Martin, 154 High street,	9200	4.16	4.13		.03	66
McAuslan & Wakelin, 233 High street,	7900	3.61	5.93	2.32		198
McAuslan & Wakelin, 234 Maple street,	21400	9.76	4.60		5.16	28
J. K. McCarthy, 515 High street,	3400	1.61	3.46	1.85		33
McLean Bros., 386 High street,	3400	1.70	2.73	1.03		77
Hugh McLean, 8 Glen street,	700	.46	.73	.27		25
McLean Bros., 384 High street,	700	.46	.53	.07		25
Osia Menard, 94 High street,	16200	7.14	4.66		2.48	126
James Moffatt, 50 Taylor street,	1000	.59	1.46	.87		28
William Morrison, 370 Maple street,	18900	8.28	12.60	4.32		63
H. J. Mondor, 171 Elm street,	30700	13.55	20.73	7.18		81

**Coffee Grinder.

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Val Moquin, 76 Lyman street,	17100	7.68	11.26	3.58		76
Val Moquin, 41 Union street,	12300	5.48	7.66	2.18		36
New Eng. Tel. & Tel. 18 Suffolk street,	5000	2.29	1.33		.96	36
George F. O'Connor, 441 High street,	17000	7.39	4.80		2.59	132
J. H. O'Connell, 455 Dwight street,	27100	11.77	6.46		5.31	188
William O'Connell, Beacon avenue	1900	.97	.73		.24	95
John T. O'Donnell, 62 East street,	16500	7.26	10.26	3.00		55
Wm. and Thos. Orrell, 158 High street,	4000	1.86	6.60	4.74		26
Isabella T. O'Connor, Pine and Dwight sts.,	20400	9.50	19.93	10.43		51
George A. Plimpton, 155 High street,	11400	5.10	6.40	1.30		63
C. M. Porter, 579 Dwight street,	4400	2.03	3.60	1.57		61
C. B. Prescott, Holyoke Club,	2600	1.36	1.13		.23	16
J. N. Prew, 40 Main street,	8700	3.95	6.80	2.85		18
Casper Ranger, 507 Appleton street,	4100	2.24	1.00		1.24	205
James J. Reardon, 215 High street,	6200	2.89	5.66	2.77		48
James J. Reardon, 215 High st., 3 months	100	.55	.40		.15	***
Charles Rheaume, 555 Summer street,	4700	2.16	5.80	3.64		21
Louis Ricklas, 92 High street,	8000	3.65	7.06	3.41		67
Clovis Roberts, 338 Main street,	11400	5.10	8.00	2.90		86
Morris Ruther, 17 Glen street,	400	.33	.73	.40		25
R. W. Sanderson, 111 High street,	19200	8.41	7.73		.68	74

***Motor.

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
C. M. Sheldon, Bridge street barn,	4300	1.99	8.00	6.01		17
A. F. Sickman, 161 Lincoln street,	800	.50	.86	.36		50
Martin Smith, 88 Pleasant street,	800	.50	.73	.23		33
Jacob Solin, 101 Hampden street,	4900	2.33	3.33	1.00		49
Henry Southier, Olive avenue,	700	.46	1.46	1.00		19
St. Jerome Tem. Society, Maple street,	5500	1.74	2.40	.66		
St. Jerome Ins. School, Hampden street,	24100	10.40	1.80		8.60	
J. F. Sullivan, 719 Dwight street,	18400	7.98	8.80	.82		85
Thomas E. Sullivan, 94 Pleasant street,	800	.50	.73	.23		16
Elphege St. Jacques, 3 Ely street,	4100	1.90	5.73	3.83		28
Clement Terrien, 84 East street,	13600	5.94	9.06	3.12		50
James L. Tighe, 907 Hampden street,	5500	2.50	4.20	1.70		125
James L. Tighe, 913 Hampden street,	4200	1.95	4.80	2.85		55
Napoleon Bluteau, 409 Main street,	26700	11.60	13.13	1.53		73
Transcript Pub. Co., 180 High street,	2700	1.40	1.53	.13		11
A. R. Vincent, 337 Main street,	15000	6.63	8.33	1.70		83
Michael Walsh, 34 Pearl street,	1100	.63	.86	.23		34
J. B. Williams, 209 Walnut street,	1100	.63	1.60	.97		91
Sarah Wolcott, 229 High street,	2800	1.35	3.60	2.25		27
O. D. Allyn, 65 Sycamore street,	500	.37	.73	.36		25
				$271.45	$52.64	

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REPORT FOR MONTH OF OCTOBER, 1907.

Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
A. O. H. Society, Front street,	2200	$1.11	$3.14	$2.03		266
O. D. Allyn, 281 Locust street,	1200	.68	1.20	.52		41
O. D. Allyn, 65 Sycamore street,	900	.55	.74	.19		43
American Writing, 1 Main street,	21000	9.18	9.14		.04	89
Geo. P. B. Alderman, 439 High street,	3100	1.49	3.27	1.78		38
E. L. Alderman, 455 High street,	9300	4.12	5.60	1.48		56
N. P. Avery, 227 Pine street,	700	.47	.74	.27		56
C. E. Ball, 223 High street,	23400	10.45	11.87	1.42		59
Frank Beebe, The Maplewood,	16500	7.68	14.80	7.12		249
F. J. Baker, 590 High street,	2200	1.11	.74		.37	76
P. Beaucamp & Son, 35 Commercial street,	7100	3.19	6.60	3.41		24
P. Beaucamp & Son, 5 Plymouth place,	6200	2.81	4.27	1.46		39
Bibeau & Masse. 41 High street,	6700	3.02	5.74	2.72		32
Lucy Bork, 946 Dwight street,	8000	3.65	6.74	3.09		52
Mrs. J. Boyer, Elmwood Pharmacy,	5300	2.50	5.20	2.70		58
John H. Bell, 10 Cottage avenue,	2200	1.11	.73		.38	76
Thomas J. Carmody, 156 Pine street,	600	.43	.74	.31		48
Robert Clark, 1446 Dwight street,	2000	1.02	.74		.28	44
Dr. Cloutier, 243 Main street,	3100	1.57	2.27	.70		188
Dr. Cloutier, 351 Main street,	1100	.64	1.46	.82		29
Coffey Estate, 764 Dwight street,	3400	1.62	4.00	2.38		24

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
L. J. Comstock, 260 Hampden street,	3100	1.49	7.87	6.38		53
Thomas F. Connor, 96 Maple street,	12400	5.52	10.94	5.42		25
Caledonian Club, 185 High street,	40200	17.34	5.54		11.80	442
Mrs. Abbie Cray, 712 Dwight street,	10700	4.80	5.80	1.00		76
Margaret Cunningham, 302 High street,	12300	5.73	9.80	4.07		58
M. D. Curley, 20 High street,	8800	3.91	6.20	2.29		64
Curran Bros., 463 Main street,	40100	17.21	7.00		10.21	194
Dean & Dennis, 128 High street,	6000	2.80	4.33	1.53		43
Thomas Dillon, 541 High street,	5900	2.76	5.14	2.38		55
Thomas Dillon, 163 Lyman street,	18900	8.20	4.60		3.60	138
Patrick J. Dowd, 142 Pine street,	4200	1.96	1.07		.89	92
S. & M. Marks, 174 Lyman street,	4800	2.21	3.93	1.72		45
S. & M. Marks, 180 Lyman street,	2600	1.28	2.00	.72		69
Moses Ehrlich, 271 Main street,	11000	4.93	11.67	6.74		32
E. A. Ellsworth, 32 Essex street,	7700	3.44	5.87	2.43		60
Ely Lumber Co., 313 Maple street,	4800	2.29	4.47	2.18		26
Ely Lumber Co., 315 Maple street,	26500	11.51	5.80		5.71	142
A. Ferguson, 133 Brown avenue,	700	.47	1.47	1.00		15
A. Ferguson, "Princeton,"	15500	7.09	14.67	7.58		64
A. Ferguson, "Cambridge,"	17100	7.77	14.67	6.90		55
Field & Sinclair, 168 Oak street,	2400	1.52	2.13	.61		52
J. H. Fitzsimmons, 397 Main street,	5600	2.63	6.40	3.77		27

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
J. H. Fitzsimmons, 393 Main street,	9200	4.16	3.93		.23	85
Estate George Geiger, Westfield Road,	1200	.68	1.80	1.12		41
Margaret Gallivan, 194 High street,	16500	7.51	7.53	.02		47
Germania Block, 349 Park street,	45400	19.80	30.00	10.20		40
T. J. Gibson, Center street,	1800	.94	1.47	.53		27
Victor Langelier, 52 Lyman street,	4300	2.00	6.87	4.87		13
Patrick Hafey Estate, 321 High street,	14000	6.12	4.13		1.99	97
John T. Hartnett, 654 High street,	5400	2.47	4.40	1.93		30
John Heinritz, 401 Main street,	1500	.81	2.73	1.92		21
Hennick & Seibel, 11 Hampshire street,	6600	2.98	6.60	3.62		31
John Hildreth, 211 Main street,	10900	4.88	5.73	.85		*
G. E. Hobbs, 110 Race street,	2500	1.31	1.93	.62		43
Holyoke Machine Co., 466 Main street,	12700	5.65	10.40	4.75		45
Holyoke Water Power, Main street,	1900	1.06	2.87	1.81		31
Maurice Kaplinski, 613 Bridge street,	4600	2.13	5.20	3.07		32
James Kennedy, 522 Summer street,	6900	3.10	6.13	3.03		23
James M. Kennedy, 217 Lyman street,	16800	7.56	6.67		.89	90
John J. Kirkpatrick, 18 Howard street,	600	.43	.73	.30		29
L. A. Lafrance, 61 Bowers street,	20400	8.92	22.00	13.08		31
L. A. Lafrance, 92 Lyman street,	11400	5.02	9.40	4.38		42
L.A. Lapense, 65 Main street,	6500	3.01	4.20	1.19		16

*Monitor.

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Ed. Lapoint, 570 Summer street,	4000	1.87	5.93	4.06		17
A. Lavoie, 17 Fountain street,	4000	1.87	4.80	2.93		24
Joseph Lynn, 311 Walnut street,	600	.43	.73	.30		20
E. L. Lyman, 569 Dwight street,	6000	2.72	3.73	1.01		45
E. L. Lyman, 569 Dwight street,	2100	1.14	.80		.34	**
Lyman Mills, Lyman street,	23200	10.36	15.13	4.77		22
Lyman Mills, Hampden street,	52200	22.69	28.00	5.31		84
Lyman Mills, Oliver street,	56900	25.18	32.00	6.82		17
Jens J. Madsen, 162 Lincoln street,	300	.30	.73	.43		18
Rev. Fr. Marchand, 23 Prospect street,	4500	2.08	3.00	.92		40
Estate W. L. Martin, 154 High street,	10000	4.50	4.13		.37	69
McAuslan & Wakelin, 233 High street,	11100	4.97	5.93	.96		268
McAuslan & Wakelin, 234 Maple street,	22900	10.40	4.60		5.80	30
J. K. McCarthy, 515 High street,	3600	1.70	3.47	1.77		27
McLean Bros., 386 High street,	3500	1.74	2.73	.99		77
Hugh McLean, 8 Glen street,	1300	.72	.73	.01		45
McLean Bros., 384 High street,	700	.47	.53	.06		24
Osia Menard, 94 High street,	10000	4.50	4.67	.17		81
James Moffatt, 50 Taylor street,	1100	.64	1.47	.83		29
William Morrison, 370 Maple street,	20600	9.01	12.60	3.59		67
H. J. Mondor, 171 Elm street,	31400	13.85	20.73	6.88		77

**Coffee Grinder.

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Val Moquin, 76 Lyman street,	12200	5.61	11.27	5.66		52
Val Moquin, 41 Union street,	31300	13.55	7.67		5.88	88
New Eng. Tel. & Tel. 18 Suffolk street,	5300	2.42	1.33		1.09	36
George F. O'Connor, 441 High street,	17800	7.74	4.80		2.94	135
J. H. O'Connell, 455 Dwight street,	35600	15.38	6.47		8.91	239
William O'Connell, Beacon avenue,	11200	4.93	.73		4.20	541
John T. O'Donnell, 62 East street,	19600	8.58	10.27	1.69		63
Wm. and Thos. Orrell, 158 High street,	4100	1.91	6.60	4.69		26
Isabella T. O'Connor, Dwight and Pine sts.,	20600	9.59	19.94	10.35		49
George A. Plimpton, 155 High street,	12300	5.48	6.40	.92		85
C. M. Porter, 579 Dwight street,	5300	2.42	3.60	1.18		71
C. B. Prescott, Holyoke Club,	3000	1.53	1.13		.40	21
J. N. Prew, 40 Main street ,	10500	4.71	6.80	2.09		21
Casper Ranger, 507 Appleton street,	6400	3.22	1.00		2.22	309
James J. Reardon, 215 High street,	5200	2.46	5.67	3.21		39
Charles Rheaume, 555 Summer street,	5300	2.42	5.80	3.38		23
Louis Ricklas, 92 High street,	7900	3.61	7.07	3.46		63
Clovis Roberts, 338 Main street,	10200	4.59	8.00	3.41		74
Morris Ruther, 17 Glen street,	300	.30	.73	.43		18
R. W. Sanderson, 111 High street,	21900	9.56	7.73		1.83	82
C. M. Sheldon, Bridge street barn,	4500	2.08	8.00	5.92		18
A. F. Sickman, 161 Lincoln street,	1700	.89	.87		.02	103

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Martin Smith, 88 Pleasant street,	900	.55	.73	.18		36
Jacob Solin, 101 Hampden street,	2300	1.23	3.33	2.10		22
Henry Southier, Olive avenue,	700	.47	1.47	1.00		19
St. Jerome Tem. Society, Maple street,	5700	2.67	2.40		.27	
St. Jerome Ins. School, Hampden street,	33500	14.41	1.80		12.61	
J. F. Sullivan, 719 Dwight street,	18000	7.82	8.80	.98		81
Thomas E. Sullivan, 94 Pleasant street,	900	.55	.73	.18		18
Elphege St. Jacques, 3 Ely street,	3900	1.83	5.73	3.90		26
Clement Terrien, 84 East street,	13400	5.87	9.07	3.20		48
James L. Tighe, 907 Hampden street,	10000	4.42	4.20		.22	219
James L. Tighe, 913 Hampden street,	5100	2.34	4.80	2.46		65
Napoleon Bluteau, 409 Main street,	24300	10.58	13.13	2.55		64
Transcript Pub. Co., 184 High street,	4100	1.99	1.53		.46	17
A. R. Vincent, 337 Main street,	10700	4.80	8.34	3.54		57
Michael Walsh, 34 Pearl street,	1200	.68	.87	.19		36
J. B. Williams, 209 Walnut street,	1000	.60	1.60	1.00		80
Sarah Wolcott, 229 High street,	2500	1.23	3.60	2.37		23
				$258.26	$83.95	

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REPORT FOR MONTH OF NOVEMBER, 1907.

Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
A. O. H. Society, Front street,	2200	$1.11	$3.13	$2.02		275
O. D. Allyn, 281 Locust street,	1200	.68	2.00	1.32		43
O. D. Allyn, 65 Sycamore street,	800	.51	.73	.22		40
American Writing, 1 Main street,	18900	8.28	7.53		.75	83
Geo. P. B. Alderman, 439 High street,	5400	2.47	3.26	.79		68
E. L. Alderman, 455 High street,	10400	4.59	9.00	4.41		65
N. P. Avery, 227 Pine street,	800	.51	.73	.22		67
C. E. Ball, 223 High street,	28200	12.49	11.87		.62	73
Frank Beebe, The Maplewood,	18700	8.61	14.80	6.19		292
F. J. Baker, 590 High street,	2000	1.02	.73		.29	71
P. Beaucamp & Son, Commercial street,	14500	6.33	6.60	.27		51
P. Beaucamp & Son, 5 Plymouth place,	7000	3.15	4.27	1.12		46
Bibeau & Masse. 41 High street,	10500	4.63	3.13		1.50	53
Lucy Bork, 946 Dwight street,	6800	3.14	6.73	3.59		46
Mrs. J. Boyer, Elmwood Pharmacy,	7000	3.23	5.20	1.97		79
John H. Bell, 10 Cottage avenue,	1900	.98	.74		.24	68
Thomas J. Carmody, 156 Pine street,	400	.34	.73	.39		33
Robert Clark, 1446 Dwight street,	1900	.98	.73		.25	43
Dr. Cloutier, 243 Main street ,	3300	1.65	2.27	.62		206
Dr. Cloutier, 251 Main street,	1100	.64	1.47	.83		31
Coffey Estate, 764 Dwight street,	4000	1.87	4.00	2.13		29

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Cal.
L. J. Comstock, 260 Hampden street,	4200	1.96	7.87	5.91		75
Thomas F. Connor, 98 Maple street,	11000	4.93	9.53	4.60		23
Caledonian Club, 185 High street,	34500	14.91	4.13		10.78	392
Mrs. Abbie Cray, 712 Dwight street,	9300	4.20	5.80	1.60		68
Margaret Cunningham, 302 High street,	11700	5.47	9.80	4.33		43
M. D. Curley, 20 High street,	8200	3.66	6.20	2.54		62
Curran Bros., 463 Main street,	36400	15.64	7.00		8.64	182
Dean & Dennis, 128 High street,	5900	2.76	4.34	1.58		43
Thomas Dillon, 514 High street,	5100	2.42	5.13	2.71		49
Thomas Dillon, 163 Lyman street,	15400	6.72	4.60		2.12	116
Patrick J. Dowd, 142 Pine street,	5000	2.30	1.07		1.23	113
S. & M. Marks, 174 Lyman street,	4700	2.17	4.94	2.77		45
S. & M. Marks, 180 Lyman street,	1400	.77	2.00	1.23		39
E. A. Ellsworth, 32 Essex street,	7800	3.49	5.87	2.38		63
Ely Lumber Co., 313 Maple street,	4900	2.33	4.47	2.14		27
Ely Lumber Co., 315 Maple street,	15100	6.67	5.80		.87	84
Moses Ehrlich, 271 Main street,	11100	4.97	11.67	6.70		34
A. Ferguson, 133 Brown avenue,	1000	.60	1.47	.87		23
A. Ferguson, "Princeton,"	15600	7.13	15.27	8.14		66
A. Ferguson, "Cambridge,"	18700	8.45	14.67	6.22		62
Field & Sinclair, 168 Oak street,	2100	1.39	2.14	.75		48
J. H. Fitzsimmons, 397 Main street,	6500	3.01	6.40	3.39		33

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
J. H. Fitzsimmons, 393 Main street,	9200	4.16	2.74		1.42	88
Estate George Geiger, Westfield Road,	1200	.68	1.80	1.12		43
Margaret Gallivan, 194 High street,	14500	6.66	11.54	4.88		46
Germania Block, 349 Park street,	56200	24.39	30.00	5.61		52
T. J. Gibson, Center street,	1700	.89	1.47	.53		26
Victor Langelier, 52 Lyman street,	3300	1.57	8.27	6.70		11
Patrick Hafey Estate, 321 High street,	13800	6.04	3.74		2.30	99
John T. Hartnett, 654 High street,	4600	2.13	4.40	2.27		26
John Heinritz, 401 Main street,	1500	.81	2.74	1.93		22
Hennick & Seibel, 11 Hampshire street,	7900	3.53	6.60	3.07		38
A. N. Potvin, 211 Main street,	10400	4.67	5.74	1.07		*
G. E. Hobbs, 110 Race street,	3200	1.61	1.94	.33		57
Holyoke Machine Co., 466 Main street,	12400	5.52	10.40	4.88		46
Holyoke Water Power, Main street,	3800	1.87	2.87	1.00		63
Maurice Kaplinski, 613 Bridge street,	4300	2.00	5.20	3.20		31
James Kennedy, 522 Summer street,	6100	2.76	6.14	3.38		21
James M. Kennedy, 217 Lyman street,	18600	8.33	6.67		1.66	103
John J. Kirkpatrick, 18 Howard street,	700	.47	.74	.27		35
L. A. Lafrance, 59 Bowers street,	21000	9.18	22.00	12.82		34
L. A. Lafrance, 92 Lyman street,	13100	5.74	9.40	3.66		50
L. A. Lapense, 65 Main street,	8000	3.65	4.00	.35		20
Ed. Lapoint, 570 Summer street,	4700	2.17	6.94	3.77		20

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
A. Lavoie, 17 Fountain street,	4400	2.04	4.80	2.76		27
Joseph Lynn, 311 Walnut street,	600	.43	.74	.31		21
E. L. Lyman, Dwight street,	6400	2.89	3.74	.85		50
E. L. Lyman, Dwight street,	2300	1.23	.80		.43	**
Lyman Mills, 112-136 Lyman street,	20500	9.21	17.74	8.53		20
Lyman Mills, 1 to 16 Hampden st.,	52000	22.60	7.20		15.40	87
Lyman Mills, Oliver street,	48900	22.17	32.00	9.83		16
Jens J. Madsen, 163 Lincoln street,	400	.34	.74	.40		25
Rev. Fr. Marchand, 23 Prospect street,	3800	1.79	3.00	1.21		35
Estate W. L. Martin, 154 High street,	21000	9.18	5.94		5.24	150
McAuslan & Wakelin, 233 High street,	14300	6.33	5.94		.39	357
McAuslan & Wakelin, 234 Maple street,	23500	10.66	4.60		6.06	32
J. K. McCarthy, 515 High street,	3800	1.79	3.47	1.68		30
McLean Bros., 386 High street,	4600	2.21	3.54	1.33		104
McLean Bros., 384 High street,	400	.34	.54	.20		14
Hugh McLean, 8 Glen street,	1400	.77	.74		.03	50
Osia Menard, 94 High street,	6800	3.14	4.67	1.53		56
James Moffatt, 50 Taylor street,	3800	1.79	1.47		.32	105
William Morrison, 370 Maple street,	20300	8.88	11.60	2.72		68
H. J. Mondor, 171 Elm street,	29700	13.12	20.74	7.62		78
Val Moquin, 76 Lyman street,	10900	5.05	13.87	8.82		49

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Val Moquin, 41 Union street,	7100	3.27	7.67	4.40		21
New Eng. Tel. & Tel. 18 Suffolk street,	5100	2.34	1.34		1.00	36
George F. O'Connor, 441 High stret,	16000	6.97	4.80		2.17	125
J. H. O'Connell, 455 Dwight street,	17600	7.73	9.47	1.74		122
William O'Connell, Beacon avenue,	700	.47	.74	.27		35
John T. O'Donnell, 62 East street,	13600	6.03	10.27	4.24		45
Wm. and Thos. Orrell, 158 High street,	4900	2.25	6.00	3.75		32
Isabella T. O'Connor, Pine and Dwight sts.,	20700	9.64	19.93	10.29		52
George A. Plimpton, 155 High street,	11900	5.51	6.60	1.29		85
C. M. Porter, 579 Dwight street,	4900	2.25	3.60	1.35		68
C. B. Prescott, Holyoke Club,	2900	1.48	1.34		.14	21
J. N. Prew, 40 Main street,	8600	3.91	6.80	2.89		18
Casper Ranger, 507 Appleton street,	7800	3.82	1.00		2.82	390
James J. Reardon, 215 High street,	5000	2.38	5.67	3.29		39
Charles Rheaume, 555 Summer street,	5300	2.38	6.60	4.22		24
Louis Ricklas, 92 High street,	6600	3.06	7.87	4.81		55
Clovis Roberts, 338 Main street,	8700	3.95	8.00	4.05		66
Morris Ruther, 17 Glen street,	300	.30	.74	.44		19
R.W. Sanderson, 111 High street,	6600	3.06	7.34	4.28		25
C. M. Sheldon, Bridge street,	3200	1.53	8.00	6.47		13
A. F. Sickman, 161 Lincoln street,	1800	.94	.87		.07	113
Martin Smith, 88 Pleasant street,	700	.47	.74	.27		29

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Jacob Solin, 101 Hampden street,	2000	1.10	2.34	2.24		20
Henry Southier, Olive avenue,	900	.55	1.47	.92		25
St. Jerome Tem. Society, Maple street,	9000	4.08	4.40	.32		
St. Jerome Ins. School, Hampden street,	33500	14.41	1.80		12.61	
J. F. Sullivan, 719 Dwight street,	14100	6.16	6.80	2.64		65
Thomas E. Sullivan, 94 Pleasant street,	1100	.64	.74	.10		23
Elphege St. Jacques, 3 Ely street,	3700	1.74	5.74	4.00		26
Clement Terrien, 84 East street,	13900	6.08	9.07	2.99		51
James L. Tighe, 907 Hampden street,	8600	3.83	4.20	.37		195
James L. Tighe, 913 Hampden street,	5000	2.30	4.80	2.50		66
Napoleon Bluteau, 409 Main street,	24300	10.58	13.14	2.56		66
Transcript Pub. Co., High street,	4700	2.25	1.54		.71	20
A. R. Vincent, 337 Main street,	7200	3.31	8.33	5.02		40
Michael Walsh, 34 Pearl street,	2500	1.23	.87		.36	78
J. B. Williams, 209 Walnut street,	1900	.98	1.60	.62		68
Sarah Wolcott, 229 High street,	2700	1.32	3.60	2.28		26
E. Benard & Son,						
				$277.24	$80.42	

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REPORT FOR MONTH OF DECEMBER, 1907.

Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
A. O. H. Society, Front street,	2400	$1.18	$3.13	$1.95		290
O. D. Allyn, 281 Locust street,	1100	.63	1.33	.70		38
O. D. Allyn, 65 Sycamore street,	500	.37	.73	.36		24
American Writing, 1 Main street,	17000	7.48	8.60	1.12		72
Geo. P. B. Alderman, 439 High street,	4100	1.90	3.26	1.36		50
E. L. Alderman, 455 High street,	12600	5.52	6.73	1.21		76
N. P. Avery, 227 Pine street,	900	.54	.73	.19		72
C. E. Ball, 223 High street,	29400	13.00	11.86		1.14	74
Frank Beebe, The Maplewood,	2800	1.85	8.53	6.68		42
F. J. Baker, 590 High street,	2100	1.05	.73		.32	72
P. Beaucamp & Son, 31 Commercial street,	16100	7.00	6.60		.40	55
P. Beaucamp & Son, 5 Plymouth place,	7300	3.26	4.27	1.01		47
Bibeau & Masse. 41 High street,	10200	4.50	4.86	.36		49
Lucy Bork, 946 Dwight street,	6200	2.80	6.73	3.93		41
Mrs. J. Boyer, Elmwood Pharmacy,	7000	3.23	5.20	1.97		77
John H. Bell, 10 Cottage avenue,	1700	.88	.73		.15	59
Thomas J. Carmody, 156 Pine street,	500	.37	.73	.36		40
Robert Clark, 1446 Dwight street,	1900	.97	.73		.24	42
Dr. Cloutier, 243 Main street,	5000	2.38	2.26		.12	30
Dr. Cloutier, 251 Main street,	1200	.67	1.47	.80		32
Coffey Estate, 764 Dwight street,	4700	2.16	4.00	1.84		33

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
L. J. Comstock, 260 Hampden street,	2800	1.35	7.86	6.51		42
Thomas F. Connor, 98 Maple street,	11200	5.01	10.46	5.45		23
Caledonian Club, 185 High street,	32100	13.89	5.06		8.83	353
Mrs. Abbie Cray, 712 Dwight street,	13200	5.86	5.80		.06	94
Margaret Cunningham, 302 High street,	12600	5.86	9.60	3.74		45
M. D. Curley, 20 High street,	8900	3.94	6.20	2.26		65
Curran Bros., 463 Main street,	23400	10.11	7.00		3.11	113
Dean & Dennis, 128 High street,	4700	2.25	4.33	2.08		33
Thomas Dillon, 514 High street,	9500	4.29	5.13	.84		88
Thomas Dillon, 163 Lyman street,	11900	5.22	4.60		.62	87
Patrick J. Dowd, 142 Pine street,	5000	2.29	1.06		1.23	110
S. & M. Marks, 174 Lyman street,	2000	1.01	4.26	3.25		19
S. & M. Marks, 180 Lyman street,	900	.54	1.46	.92		24
Moses Ehrlich, 271 Main street,	13600	6.03	11.66	5.63		40
E. A. Ellsworth, 32 Essex street,	7900	3.52	5.86	2.34		62
Ely Lumber Co., 313 Maple street,	5400	2.55	4.46	1.91		29
Ely Lumber Co., 315 Maple street,	16800	7.39	5.80		1.59	90
A. Ferguson, 133 Brown avenue,	1000	.59	1.46	.87		22
A. Ferguson, "Princeton,"	15100	6.92	14.86	7.94		62
A. Ferguson, "Cambridge,"	19200	8.66	14.66	6.00		62
Field & Sinclair, 168 Oak street,	3400	1.52	2.13	.61		52
J. H. Fitzsimmons, 397 Main street,	5800	2.72	6.40	3.68		28

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
J. H. Fitzsimmons, 393 Main street,	8800	3.99	3.73		.26	82
Estate George Geiger, Westfield Road,	1000	.59	1.60	1.01		35
Margaret Gallivan, 194 High street,	12200	5.69	8.86	3.17		38
Germania Block, 349 Park street,	56900	24.68	30.00	5.32		51
T. J. Gibson, East Dwight street,	2100	1.05	1.46	.41		31
Victor Langelier, 52 Lyman street,	3400	1.61	7.33	5.72		11
Patrick Hafey Estate, 321 High street,	15100	6.58	4.00		2.58	104
John T. Hartnett, 654 High street,	2800	1.36	4.40	3.05		15
John Heinritz, 401 Main street,	2500	1.22	2.73	1.51		35
Hennick & Seibel, 11 Hampshire street,	8500	3.77	6.60	2.83		39
A. M. Potvin, 211 Main street,	9700	4.38	5.73	1.35		*
G. E. Hobbs, 110 Race street,	1900	1.06	1.93	.87		33
Holyoke Machine Co., 466 Main street,	20000	8.75	10.40	1.65		71
Holyoke Water Power, Main street,	5700	2.67	2.86	.19		92
Maurice Kaplinski, 613 Bridge street,	4100	1.90	5.20	3.30		28
James Kennedy, 522 Summer street,	3500	1.65	6.13	4.48		12
James Kennedy, 217 Lyman street,	22000	9.76	6.66		3.10	118
John J. Kirkpatrick, 18 Howard street,	600	.42	.73	.31		29
L. A. Lafrance, 59 Bowers street,	26800	11.64	22.00	10.36		42
L. A. Lafrance, 92 Lyman street,	15200	6.62	9.40	2.78		57
L. A. Lapense, 65 Main street,	9700	4.38	4.13		.25	23

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Ed. Lapoint, 570 Summer street,	6700	3.01	5.93	2.92		28
A. Lavole, 17 Fountain street,	5600	2.54	4.80	2.26		33
Joseph Lynn, 311 Walnut street,	700	.46	.73	.27		24
E. L. Lyman, Dwight street,	6300	2.84	3.73	.89		47
E. L. Lyman, Dwight street,	1500	.89	.80		.09	**
Lyman Mills, 112-136 Lyman street,	21000	9.43	16.00	6.57		20
Lyman Mills, 1 to 16 Hampden st.	52200	22.69	7.20		15.49	82
Lyman Mills, Oliver street,	50500	22.46	32.00	9.54		15
Jens J. Madsen, 162 Lincoln street,	400	.33	.73	.40		24
Rev. Fr. Marchand, 23 Prospect street,	3500	1.65	3.00	1.35		31
Estate W. L. Martin, 154 High street,	16400	7.22	4.06		3.16	113
McAuslan & Wakelin, 233 High street,	11900	5.31	5.93	.62		288
McAuslan & Wakelin, 234 Maple street,	24300	11.00	4.60		6.40	32
J. K. McCarthy, 515 High street,	3400	1.61	3.46	1.85		26
McLean Bros., 386 High street,	6000	2.80	2.93	.13		132
McLean Bros., 384 High street,	400	.33	.53	.20		14
Hugh McLean, 8 Glen street,	500	.37	.73	.36		17
Osia Menard, 94 High street,	6000	2.80	4.66	1.86		48
James Moffatt, 50 Taylor street,	2600	1.27	1.47	.20		70
William Morrison, 370 Maple street,	20300	8.88	12.26	3.38		66
H. J. Mondor, 171 Elm street,	30100	13.29	20.73	7.44		77

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Val Moquin, 76 Lyman street,	15200	6.88	12.13	5.25		65
Val Moquin, 41 Union street,	7200	3.31	7.66	4.35		20
New Eng. Tel. & Tel. 18 Suffolk street,	1300	.72	1.33	.61		9
George F. O'Connor, 441 High street,	16900	7.34	4.80		2.54	128
J. H. O'Connell, 455 Dwight street,	7100	3.27	7.46	4.19		48
William O'Connell, Beacon avenue,	2700	1.31	.73		.58	130
John T. O'Donnell, 62 East street,	18800	8.24	10.26	2.02		61
Wm. and Thos. Orrell, 158 High street,	2900	1.39	6.40	5.01		18
Isabella T. O'Connor, Pine street,	26200	11.97	19.93	7.96		63
George A. Plimpton, 155 High street,	11300	5.05	6.46	1.41		78
C. M. Porter, 579 Dwight street,	4700	2.16	3.60	1.44		63
C. B. Prescott, Holyoke Club,	3600	1.78	1.20		.58	25
J. N. Prew, 40 Main street,	14900	6.58	6.80	.22		30
Casper Ranger, 507 Appleton street,	6200	3.14	1.00		2.14	300
James J. Reardon, 215 High street,	6300	2.93	5.67	2.74		47
Charles Rheaume, 555 Summer street,	5600	2.55	5.93	3.38		25
Louis Ricklas, 92 High street,	4700	2.25	6.80	4.55		38
Clovis Roberts, 338 Main street,	7900	3.61	8.00	4.39		58
Morris Ruther, 17 Glen street,	300	.29	.73	.44		18
R. W. Sanderson, 111 High street,	4500	2.16	7.60	5.44		17
C. M. Sheldon, Bridge street,	3400	1.61	8.00	6.39		14
A. F. Sickman, 161 Lincoln street,	800	.50	.86	.36		48

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Name	Cubic Feet Used	Cost at Metered Rate	Present Fixed Rate	Loss Under Metered Rate	Gain Under Metered Rate	Av. Daily Con. Per Cap. in Gal.
Martin Smith, 88 Pleasant street,	900	.54	.73	.19		36
Jacob Solin, 101 Hampden street,	2500	1.31	3.33	2.02		24
Henry Southier, Olive avenue,	1000	.59	1.46	.87		27
St. Jerome Tem. Society, Maple street,	9300	4.20	3.06		1.14	
St. Jerome Ins. School, Hampden street,	24400	10.53	1.80		8.73	
J. F. Sullivan, 719 Dwight street,	10400	4.58	8.80	4.22		46
Thomas E. Sullivan, 94 Pleasant street,	700	.46	.73	.27		14
Elphege St. Jacques, 3 Ely street,	6400	2.88	5.73	2.85		48
Clement Terrien, 84 East street,	15600	6.79	9.06	2.27		56
James L. Tighe, 907 Hampden street,	16700	7.26	4.20		3.06	367
James L. Tighe, 913 Hampden street,	3900	1.82	4.80	2.98		49
Napoleon Bluteau, 409 Main street,	27600	11.98	13.13	1.15		73
Transcript Pub. Co., 180 High street,	4500	2.16	1.53		.63	18
A. R. Vincent, 337 Main street,	8500	3.86	8.33	4.47		50
Michael Walsh, 34 Pearl street,	1100	.63	.86	.23		33
J. B. Williams, 209 Walnut street,	1900	.97	1.60	.63		66
Sarah A. Wolcott, 229 High street,	2700	1.31	3.60	2.29		25
				$251.01	$68.54	

The returns for the nine months show a net loss to the Department of $1,934.27 under the present metered rates, showing that the metered system instead of costing the property owners more would, on the whole, be a saving to them, provided the water was sold at 5 2-3 cents per 1,000 gallons, the price now charged for manufacturing and elevator purposes, etc.

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BENEFIT TO METERED WATER USERS BY ADOPTION OF FLAT RATE.

That metered water users have benefited by the adoption of a flat rate for metered water is shown by the following table, which gives the consumption and net cost of metered water to consumers for 1904, the last year under the sliding scale of three rates, namely 15 cents, 10 cents and 5 cents per 1000 gallons, less 20 per cent discount, and the consumption and net cost to the same consumers for the twelve months ending November 1, 1907, under the flat rate of 5 2-3 cents per 1000 gallons, less 10 per cent discount for prompt payment.

Table showing gallons of water used by metered water takers in 1904 under the old rates, namely, 15c, 10c and 5c per thousand gallons, and gallons used by same takers in 1907 under the new rate, namely, 5 2-3c per thousand gallons, same to all users:

	Year	Consumption in Gals.	Net Cost at Three Rates	Net Cost at One Rate	Gain to Consumer, Loss to Dept.
Livermore & Martin	1904	764,250	$85.04		
	1907	1,269,000	125.55	$64.72	$60.83
D. Mackintosh & Sons	1904	162,000	19.45		
	1907	393,750	31.50	20.09	11.41
Valley Paper Co.	1904	6,191,250	367.62		
	1907	7,902,750	436.12	403.04	33.08
Brown & Sellers	1904	199,500	23.07		
	1907	72,750	8.73	3.71	5.02
Essex Pad & Paper Co.	1904	1,407,750	136.64		
	1907	1,551,000	148.13	79.12	69 01
F. G. Burnham	1904	540,750	60.07		
	1907	345,000	4' .22	17 60	22.62
Boston & Maine R. R.	1904	3,140,250	238.80		
	1907	2,567,250	213.32	130.95	82.37
Holyoke Street R. R.	1904	2,205,750	196.30		
	1907	1,257,000	124.56	64.12	60.44
Chase & Coolèdge	1904	567,000	65.69		
	1907	2,760,750	230.43	140.81	89.62

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	Year	Consumption in Gals.	Net Cost at Three Rates	Net Cost at One Rate	Gain to Consumer, Loss to Dept.
John P. Squire & Co.	1904	2,045,250	163 68		
	1907	2,938,500	220.19	149.89	70.30
Swift Brothers	1904	333,750	39.75		
	1907	439,500	52 01	22.41	29.60
Nelson, Morris & Co.	1904	240,000	28.81		
	1907	255,000	30.61	13.02	17.59
Whiting Street Estate	1904	1,998,750	176.95		
	1907	2,598,000	222.30	132.47	89.83
Springfield Provision Co.	1904	528,000	53.28		
	1907	82,500	9.91	4.22	5.69
Prentiss, Brooks & Co.	1904	379,500	45.54		
	1907	387,750	46.55	19.80	26.75
Lemuel Sears & Co.	1904	2,907,750	235.53		
	1907	2,820,750	232.87	143.88	88.99
Judd Paper Co.	1904	229,500	26.37		
	1907	411,750	40.96	21.00	19.96
Armour & Co.	1904	261,750	26.66		
	1907	233,250	26.65	11.92	14 73
Chas. P. Lyman	1904	186,000	21.62		
	1907	199,500	23.10	10.18	12.92
Priest & Thayer	1904	452,250	f3.20		
	1907	726,750	80.49	37.08	43.41
Geo. W. Prentiss & Co.	1904	696,750	77.30		
	1907	966,000	99.64	49.29	50.35
M. H. Whitcomb	1904	2,092,500	189,71		
	1907	1,691,250	159.10	86.30	72.80
Geo. I. Fitch	1904	453,750	52.85		
	1907	603,000	72.29	30.78	41.51
M. J. Laporte	1904				
	1907	2,675,250	214 41	136.46	77.95
M. Callahan Co.	1904	343,500	41.23		
	1907	465,000	55.65	23.73	31.92
Merrick Lumber Co.	1904	927,000	98.05		
	1907	869,250	93.57	44.36	49.21
American Pad & Pa. Co.	1904	299,250	35.93		
	1907	466,500	55.56	23.79	31.77
Int'n'l Steam Pump Co.	1904	1,573,500	145.93		
	1907	2,637,000	222.94	134.51	88.43

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	Year	Consumption in Gals.	Net Cost at Three Rates	Net Cost at One Rate	Gain to Consumer. Loss to Dept.
Casper Ranger	1904	1,725,750	162.10		
	1907	1,914,000	164.53	97.64	66.89
Holyoke Bar Co.	1904	93,000	11.16		
	1907	121,500	14.58	6.20	8.38
Ford Auger Bit Co.	1904	569,200	55.94		
	1907	758,250	84.21	38.69	45.52
Parsons Paper Co.	1904	12,732,000	629.27		
	1907	11,394,750	575.82	581.16	(*5.34)
Holyoke Motor F'd'y Co.	1904	577,500	56.55		
	1907	153,750	18.46	7.84	10.62
Smith & Martin	1904	161,250	19.31		
	1907	498,750	58.65	25.47	33.18
Henry Monat	1904	83,250	10.00		
	1907	654,000	75.26	33.36	41.90
August Lehmann	1904	472,500	53.50		
	1907	780,000	85.27	39.80	45.47
Holyoke Machine Co.	1904	4,858,500	314.34		
	1907	7,440,750	417.64	379.48	38.16
Holyoke Warp Co.	1904	842,250	82 74		
	1907	816,000	87.38	41.65	45.73
Beebe-Webber Co.	1904	431,250	51.26		
	1907	1,870,500	169.21	95.40	73.81
U. S. Envelope Co.	1904	128,250	15.06		
	1907	123,750	14.79	6.31	8.48
Holyoke Plush Co.	1904	297,000	34.45		
	1907	312,750	33.04	15.96	17.08
Germania Mills	1904	2,196,000	179.92		
	1907	4,199,250	287.70	214.03	73.67
Chemical Paper Co.	1904	15,498,000	739.91		
	1907	9,690,000	507.60	494.20	13.40
Newton Paper Co.	1904	988,500	103.10		
	1907	2,172,000	192.23	110.78	81.45
Franklin Paper Co.	1904	7,232,250	409.28		
	1907	2,931,000	205.60	149.50	56.10
Nat. Blank Book Co.	1904	4,619,250	304.29		
	1907	3,253,500	249.32	165.95	83.37
White & Wyckoff Co.	1904	315,750	30.32		
	1907	1,193,250	110.39	60.88	49.51

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	Year	Consumption in Gals.	Net Cost at Three Rates	Net Cost at One Rate	Gain to Consumer, Loss to Dept.
Hampden Glazed Pa. Co.	1904	135,000	16.20		
	1907	288,750	29.95	14.74	15.21
Whitmore Mfg. Co.	1904	877,500	94.23		
	1907	1,743,750	161.54	88.95	72.59
David McCormick	1904	498,000	58.16		
	1907	873,000	87.86	44.55	43.31
Ely Lumber Co.	1904	75,000	9.00		
	1907	619,500	50.28	31.60	18.68
Judson & Williams	1904	144,000	15.96		
	1907	43,500	5.22	2.22	3.00
Holyoke Steam E. Wks.	1904	476,750	56.95		
	1907	989,250	100.72	50.47	50.25
B. F. Perkins & Son	1904	1,171,500	117.75		
	1907	1,115,250	113.45	56.89	56.56
Smith Tablet Co.	1904	1,353,750	132.33		
	1907	2,129,250	191.83	108.62	83.21
C. B. & J. A. Davis	1904	426,000	50.63		
	1907	601,500	67.64	30.69	36.95
Holyoke P. Library Assn.	1904	768,000	59.54		
	1907	192,000	22.01	9.80	12.21
Richard Dietz	1904	552,000	63.60		
	1907	253,500	28.28	12.94	15.34
Empire Theater	1904	224,250	23.66		
	1907	705,750	63.68	36.00	27.68
Hotel Bliss	1904	6,116,250	364.63		
	1907	6,036,750	361.49	307.87	53.62
Hotel Lafrance	1904	5,589,000	318.61		
	1907	11,209,500	568.41	571.69	(*3.28)
McLean Brothers	1904	1,568,250	149.14		
	1907	1,777,500	165.35	90.66	74.69
H. M. Senior	1904	11,497,500	580.10		
	1907	7,637,250	425.49	389.52	35.97
Besse-Mills Co.	1904	57,000	6.80		
	1907	140,250	13.68	7.15	6.53
John Tilley & Co.	1904	789,750	86.96		
	1907	807,750	78.74	41.20	37.54
A. Steiger & Co.	1904	8,546,250	461.97		
	1907	7,367,250	414.69	375.75	38.94

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	Year	Consumption in Gals.	Net Cost at Three Rates	Net Cost at One Rate	Gain to Consumer, Loss to Dept.
G. E. Russell & Co.	1904	471,750	56.43		
	1907	573,750	67.80	29.27	38.53
C. E. Ball Bldg.	1904	370,500	37.30		
	1907	147,000	17.11	7.51	9.60
Estate John Delaney	1904	7,179,750	407.19		
	1907	6,207,750	423.30	316.62	106.68
John Dillon, Heirs	1904	510,750	48.86		
	1907	174,000	20.42	8.88	11.54
Frank Octo Co.	1904	233,250	25.93		
	1907	341,250	35.31	17.42	17.89
A. F. Gingras	1904	76,500	9.19		
	1907	173,250	20.02	8.85	11.17
Estate Leon Laporte	1904	207,750	24.94		
	1907	324,000	38.92	16.55	22.37
F. & P. Donoghue	1904	668,250	72.24		
	1907	684,750	74.22	34.93	39.29
C. F. Church Mfg. Co.	1904	493,000	51.10		
	1907	606,750	71.10	30.96	40.14
Conn. Valley Lum. Co.	1904	574,500	59.70		
	1907	1,559,250	131.86	79.53	52.33
A. Ferguson	1904	5,000,250	320.04		
	1907	8,781,000	471.25	447.76	23.49
C. S. Davis	1904	55,500	6.66		
	1907	72,750	8.74	3.72	5.02
M. C. Browne	1904	110,250	13.23		
	1907	320,250	33.49	16.35	17.14
	1904	141,771,450	$9,766.60		
	1907	154,360,500	11,032.89	$7,873.21	$3,168.30
* Gain to Department, loss to consumer					8.62
					$3,159.68

The consumption in 1904, as shown by table, was 141,771,450 gallons and the net cost to the consumers, $9,766.60, while the consumption in 1907 was 154,360,500 gallons and the net cost to consumers $7,873.21, a saving to the consumers of $1,893.39, and at the same time giving them the use of 12,589,050 gallons more water.

If the same quantity of water that was used in 1907 had been used in 1904, under the three rates, the net cost to the consumers would have been $3,159.68 more.

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REDUCTION IN CONSUMPTION.

There has been a marked reduction in the consumption for the past year as a result of the system of careful inspection inaugurated by the Commissioners, the total consumption for the year being 1,923,311,000 gallons, as against 2,127,856,000 gallons for the preceding year, a decrease of 204,545,000 gallons.

The wisdom of increasing and making more efficient our Inspection Department has been nowhere demonstrated more fully than by the condition of our local reservoirs from which the overflow or waste during the year amounted to 612,924,000 gallons or a quantity sufficient for an added population of 17,000 using 100 gallons per day each. In other words our available water supply during the year was sufficient for a population of 71,500 on a 100 gallon per capita basis.

This excellent condition can only be attributed to the vigilant inspection which we have inaugurated and not to a favorable year, as the rainfall on the Whiting Street shed was but slightly above the average, while that on the Ashley shed was nearly two inches below the average.

When it is considered that from two to two and one-half millions of gallons of extravagant waste has been cut off per day, it is easily seen why there was this large overflow from our reservoirs.

The run off from the Fomer water shed where the rainfall was exactly the average, was 6,650,650,000 gallons or a quantity sufficient in itself to supply a population of 182,000 using 100 gallons per day per capita.

Summing up, the total yield or run off from all our water sheds as actually measured during the year was in round numbers 8,500,000,000 gallons, or a quantity, if all available, sufficient to supply a city having a population of 233,000, using 100 gallons per capita.

For the overflow of Ashley and Whiting Street Reservoirs, together with the rainfall on the sheds we refer you to the following table:

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TABLE SHOWING OVERFLOW AT ASHLEY PONDS AND WHITING STREET RESERVOIRS DURING THE YEAR 1907.

Month	Ashley Pond		Whiting Street	
	Rainfall	Overflow in Gallons	Rainfall	Overflow in Gallons
January	3.18		2.51	
February	2.25		2.40	
March	1.88		2.00	43,410,000
April	1.94	70,314,000	2.64	38,865,000
May	3.90	64,461,000	4.80	45,477,000
June	3.69	54,415,000	3.47	24,741,000
July	2.25		3.76	
August	1.33		1.38	
September	8.89		9.78	
October	5.73		5.27	
November	4.98	39,208,000	4.83	57,947,000
December	4.05	85,617,000	4.04	88,469,000
Total	44.07	314,015,000	46.88	298,909,000 314,015,000
Total from both reservoirs				612,924,000

Total run-off from former watershed in 1907, 6,650,654,000 gallons.

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WATER DEPARTMENT CENSUS.

A census of the city was taken by the water inspectors and the total population was found by them to be 53,422. the population supplied with city water being 53,047.

After receiving the report of the inspectors, it was decided to adopt 53,000 as the basis to be used in computing the per capita consumption, instead of 51,000, the estimated population, the change taking effect from June 9th .

RECEIPTS FROM WATER RENTS.

The receipts from water rents were $122,421.72, an increase of $4.898.46 over those of the year previous.

The total receipts from all sources were $129,437.22. being $6,229.06 in excess of the receipts for 1906.

TAX ON CONSTRUCTION ACCOUNT.

This Department paid the city $22,045.16, being the tax on its construction account for 1907, and received from the city for water and rental of hydrants $12,670.59, a net gain to the city proper of $9,374.57.

Commencing with 1902 the Department has paid the city each year a tax on its construction account, at the same rate per $1000 as is levied on the property of other tax payers, the total amount paid by the Department during the past six years aggregating $129,296.69; and has received from the city, for the same period, for water rents and rental of hydrants, $67,369.74, leaving the net amount paid to the city by this Department $61,926.95, or an average of over $10,300 for each year.

SINKING FUNDS.

The Sinking Funds for the payment of water bonds have been increased by the transfer of $9,600 from the water rents account, and by earnings amounting to $3,578.40, making the total increase for the year $13,178.40.

The total of the funds on December 31st was $99,-865.82.

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The Board desires to express its appreciation of the faithful services of Superintendent John D. Hardy, whose term of office expired on April 30th.

Mr. Hardy came to the Department on May 1st, 1881, and during his twenty-six years of service as superintendent had a large share in the growth and development of the water system.

There has been an abundance of water during the past year, and it has been of good quality.

The cast iron mains were extended 7,249 feet. For location, size and length of extensions see Table A.

The length of cast iron mains is 83.74 miles; and of temporary wrought iron, 5.94 miles. For location, size and length of mains see Tables B and C.

Thirty-two gates were set in new locations. The total number to date is 931. For location and size see Tables D and E.

Twelve hydrants were set in new locations, and 4 were replaced. The total number of public fire hydrants is 671. For location, etc., see Tables F and G. Following Table G is a summary of fire service in the various mills in the city, which is additional to the above.

Twenty-seven meters were set in new locations, and 17 discontinued, making the total now in use 328. For make, size and location see Table H.

Seventy-one service pipe connections were added during the year and 11 discontinued, making the total number in use to date 3,941.

Twenty-three leaks in service pipes and 15 in main pipes have been repaired.

The average depth of water in the gatehouse at Wright pond for the year was 13 feet, 2 inches.

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CONSTRUCTION ACCOUNT.

Cost reported December 31, 1906.....		$1,296,773.85
Increase during the year:		
Main pipe extensions.....	$23,242.12	
Hydrants	1,301.94	
Meters	3,590.20	
William J. Murray, land.....	1,900.00	
Holyoke Scheutzen Bund, land..	1,000.00	
		31,034.26
		$1,327,808.11
Depreciation, two per cent.....		26,556.16
		$1,301,251.95

STATEMENT OF SINKING FUND DECEMBER 31, 1907.

(Bonds due in 1913, 1927 and 1930.)

Amount reported Dec. 31, 1906....		$86,687.42
Increase during the year:		
Interest on bank deposits.....	$ 321.04	
Interest on bonds	1,190.00	
Interest on loans on real estate....	2,067.36	
		3,578.40
Transfer from Water Rents account		9,600.00
		$99,865.82

INVESTMENT.

Loans on real estate.....		$47,350.00
Thirty-four (34) City of Holyoke Gas and Electric Light Bonds		34,000.00
Cash in Holyoke National Bank....	$8,853.50	
Cash in Home National Bank.....	793.43	
Cash in Hadley Falls National Bank	5,150.86	
Cash in Park National Bank.....	3,451.48	
Cash in City National Bank.....	266.55	
		18,515.82
		$99,865.82

Examined and approved.

WALTER W. EATON,
Public Accountant.

January 3, 1908.

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DIVISION OF SINKING FUND TO MEET THE SEVERAL BOND ISSUES.

Bonds due in 1913:

Loans on real estate		$14,300.00
Cash in Holyoke National Bank		8,853.50
		$23,153.50

Bonds due in 1927:

Loans on real estate		$28,850.00
Twenty-three (23) City of Holyoke Gas and Electric Light Bonds		23,000.00
Cash in Home National Bank	$ 793.43	
Cash in Hadley Falls National Bank	5,150.86	
Cash in Park National Bank	3,451.48	
		9,395.77
		$61,245.77

Bonds due in 1930:

Loans on real estate	$4,200.00
Eleven (11) City of Holyoke Gas and Electric Light Bonds	11,000.00
Cash in City National Bank	266.55
	$15,466.55

All of which is respectfully submitted.

HUGH McLEAN,
M. J. DOYLE,
T. J. CARMODY,
Water Commissioners.

Holyoke, December 31, 1907.

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RECORD OF CONSUMPTION FOR 1907, AS REGISTERED BY VENTURI AND PREMIER METERS.

	Consumption in Gallons.	Daily Average Per Capita.
January,	171,268,000	106
February,	164,316,000	115
March	156,122,000	101
April	147,850,000	96
May,	163,507,000	104
June	162,902,000	103
July,	169,093,000	103
August,	171,934,000	105
September,	151,888,000	96
October,	164,737,000	100
November,	150,957,000	96
December,	148,737,000	91
Total consumption for year	1,923,311,000	102

Largest week, February 10 to 16, 42,203,000 gallons; or 118 gallons per day, per capita.

Smallest week, March 31 to April 6, 31,440,000 gallons; or 88 gallons per day, per capita.

Largest day, January 25, 6,556,000 gallons; or 129 gallons per capita.

Smallest day, September 27, 4,142,000 gallons; or 78 gallons per capita.

Daily average from January 1 to June 8, at 51,000 population, 104 gallons per capita.

Daily average from June 9 to December 31, at *53,000 population, 99 gallons per capita.

Daily average for year, 102 gallons per capita.

*Water Department census.

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HEIGHT OF WATER AT ASHLEY POND.

January 5th, 12 ft.; 12th, 12 ft. 5 in.; 19th, 12 ft. 8 in.; 26th, 12 ft. 9 in.

February 2d, 12 ft. 10¼ in.; 9th, 12 ft. 11 in.; 16th, 12 ft. 10½ in.; 23d, 12 ft. 11 in.

March 2d, 12 ft. 10¾ in.; 9th, 12 ft. 11¾ in.; 16th, 13 ft. ¾ in.; 23d, 13 ft. 7¾ in.; 30th, 14 ft. 5 in.

April 6th, 14 ft. 9 in.; 13th, 14 ft. 6¾ in.; 20th, 14 ft. 8¾ in.; 27th, 14 ft. 9 in.

May 4th, 14 ft. 9 in.; 11th, 14 ft. 9 in.; 18th, 14 ft. 9¾ in.; 25th, 14 ft. 8¾ in.

June 1st, 14 ft. 8¾ in.; 8th, 14 ft. 9¾ in.; 15th, 14 ft. 4½ in.; 22d, 14 ft. 5 in.; 29th, 14 ft. 3 in.

July 6th, 13 ft. 11 in.; 13th, 13 ft. 9¾ in.; 20th, 13 ft. 8 in.; 27th, 13 ft. 5 in.

August 3d, 12 ft. 11 in.; 10th, 12 ft. ¼ in.; 17th, 10 ft. 6¾ in.; 24th, 9 ft. 4¼ in.; 31st, 8 ft. ½ in.

Water drawn down to make connection for High Service Extension:

September 7th, 9 ft. 5 in.; 14th, 10 ft. 10 in.; 21st, 11 ft. 6 in.; 28th, 12 ft.

October 5th, 12 ft.; 12th, 12 ft. ½ in.; 19th, 11 ft. 10 in.; 26th 11 ft. 8¼ in.

November 2d, 12 ft. 7¼ in.; 9th, 14 ft. 1½ in.; 16th, 14 ft. 6 in.; 23d, 14 ft. 5½ in.; 30th, 14 ft. 5½ in.

December 7th, 14 ft. 4½ in.; 14th, 14 ft. 5½ in.; 21st, 14 ft. 5 in.; 28th, 14 ft. 5¾ in.

Average height for the year, 13 ft. 2 in.

Height of overflow, 14 ft. 6 in.

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STATISTICAL TABLE RELATING TO THE HOLYOKE WATER WORKS, DECEMBER 31, 1907.

Population by Water Department census of 1907, 53,422.
Date of construction, 1873.
Works owned by the city.
Source of supply—two contiguous natural lakes, and storage reservoir, three and one-half miles from the city, two mountain streams and storage reservoir, and the southwest branch of the Manhan river—intake reservoir at Southampton.

Mode of supply—gravity.

FINANCIAL.

RECEIPTS.

A.	Water rates, fixed	$90,413.92
B.	Water rates, metered	32,007.80
C.	Total receipts from water	$122,421.72
D.	Service pipe	931.00
E.	All other sources	6,084.50
F.	Gross receipts	$129,437.22
G.	Cash balance, January 1, 1907	2,589.22
		$132,026.44

EXPENDITURES.

AA.	Management and repairs	$41,376.89
BB.	Services and repairs	3,300.71
CC.	Running expenses for 1907	$44,677.60
DD.	Interest on bonds	13,750.00
EE.	Total maintenance	$58,427.60

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FF.	Commissioners of Sinking Fund, City of Holyoke, taxes	22,045.16
GG.	Transfers to Sinking Funds	9,600.00
HH.	Materials, labor, etc.	10,146.94
II.	Cash on hand and in banks	772.48
JJ.	Balance to construction	31,034.26
		$132,026.44

CONSTRUCTION.

	Balance		$31,034.26
KK.	Extension main pipe	$23,242.12	
LL.	Hydrants	1,301.94	
MM.	Meters	3,590.20	
NN.	Land purchases	2,900.00	
			31,034.26
OO.	Depreciation, two per cent		26,556.16
PP.	Net cost of works to date		1,301,251.95
QQ.	Bonded debt		350,000.00
W.	Value of sinking funds Dec. 31, 1907		99,865.82

CONSUMPTION.

1.	Population, 1907 Water Dept. census	53,422
2.	Population on line of pipe, Water Dept. census	53,227
3.	Population supplied, Water Dept census	53,047
4.	Total gallons consumed	1,923,311,000
5.	Passed through meters A	628,473,750
6.	Passed through meters B	
7.	Average daily consumption, gallons	5,269,300
8.	Gallons per day to each inhabitant	99
9.	Gallons per day to each consumer (3)	102
10.	Gallons per day to service tap	1,337

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DISTRIBUTION.

1.	Kind of pipe used—wrought and cast iron and lead lined.	
2.	From one-half (½) inch to thirty (30) inches.	
3.	Extended, 7, 249 feet large.	
4.	Discontinued	none
5	Mains, 4-inch and upwards	83.74 miles
6.	Temporary mains, less than 4 inches...	5.94 miles
7.	Total length of distribution.....	89.68 miles
8.	Number of leaks in city, 15; in Fomer line, none	15
9.	Cost of repairs per mile.....	$9.57
10.	Hydrants added	12
11.	Hydrants now in use (public)..... and 247 private hydrants (see Table G)	671
12.	Hydrants frozen	11
13.	Hydrants repaired	42
14.	Hydrants replaced	4
15.	Stop gates added	30
16.	Stop gates now in use (see foot of Table E)	931
17.	Stop gates less than 4-inch.....	20
18.	Number of blow-off gates.....	42
19.	Range of pressure on main at office, per day and night, 60 to 70 pounds. Main street, per day and night, 80 to 100 pounds.	
20.	Stand pipes added	none
21.	Stand pipes now in use.....	55
22.	Gates repaired	1
23.	Gates replaced	none

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SERVICE.

24.	Cement, rubber lined, enameled, cast iron, lead lined, tin lined and galvanized.	
25.	From one-half to 6-inch size of service.	
26.	Leaks	11
27.	Cleaned and repaired	23
28.	Frozen services thawed out	7
29.	Replaced services	51
30.	Extended	969 feet
31.	Discontinued	11
32.	Total now in use (estimated)	78,589 feet
33.	Services added	71
34.	Number now in use	3,941
35.	Average length of service	19.9 feet
36.	Average cost of services in 1907	All sizes $23.35 up to 2 inch size $37.70
37.	Meters added	27
38.	Meters discontinued	17
39.	Meters repaired	57
40.	Meters now in use	328
41.	Meters now in use, test	133
42.	Motors for washing machines	39
43.	Indicators on elevators	11
44.	Motors and elevators now in use	127
45.	Service boxes repaired	22
46.	Water shut off	104
47.	Water turned on	85
48.	Leaks, faucets 382; water closets, 4,135	4,517
49.	Leaks repaired, faucets, 368; water closets, 4,122	4,490
50.	Valves sealed in mills	1,235
51.	Seals broken in mills	844

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CIVIL ORGANIZATION OF THE WATER BOARD, FROM THEIR COMMENCEMENT TO DECEMBER 31, 1907.

WATER COMMISSIONERS FOR CONSTRUCTION OF THE WORK—ELECTED BY THE TOWN OF HOLYOKE.

William B. C. Pearsons, Chairman of the Board, elected March 21, 1872; term expired February 2, 1874.

John Delaney, elected March 21, 1872; term expired February 2, 1874.

John E. Chase, elected March 21, 1872; resigned March. 1873.

Dennis Higgins, elected March 21, 1872; term expired February 2, 1874.

Joel Russell, Treasurer of the Board, elected March 21, 1872; term expired February 2, 1874.

J. P. Buckland, Clerk of the Board, elected March 21, 1872; term expired February 21, 1874.

L. P. Bosworth, successor to John E. Chase, elected March 18, 1873; term expired February 2, 1874.

C. W. Ranlet, ex-officio, as Town Treasurer.

ENGINEERS AND SUPERINTENDENTS FOR CONSTRUCTION OF WORKS.

Messrs. Shedd and Sawyer of Boston, Mass., consulting engineers.

E. C. Davis, engineer and superintendent.

Davis & Ellsworth, engineers, succeeded E. C. Davis, May, 1873.

Moses Stevens, pipe inspector.

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WATER COMMISSIONERS ELECTED BY THE CITY COUNCIL.

J. P. Buckland, elected February 2, 1874; term expired February 5, 1877.

Dennis Higgins, elected February 2, 1874; term expired January 2, 1876.

James G. Smith, elected February 2, 1874; deceased July 10, 1878.

J. A. Sullivan, elected February 25, 1876; term expired January 6, 1891.

James F. Allyn, elected February 5, 1877; term expired January 4, 1886.

C. H. Heywood, elected July 16, 1878; term expired January 11, 1880.

Timothy Merrick, elected January 11, 1881; term expired January 4, 1887.

Maurice Lynch, elected January 4, 1886; term expired January 5, 1892.

James E. Delaney, elected January 4, 1887; resignation accepted January 7, 1887.

Moses Newton, elected January 18, 1887; term expired January 2, 1893.

James J. Curran, elected January 6, 1891; resignation accepted February 4, 1896.

Martin P. Conway, elected January 5, 1892; term expired January 3, 1898.

Charles D. Colson, elected January 2, 1893; term expired February 1, 1900.

John J. Sullivan, elected January 27, 1896; term expired February 4, 1905.

Thomas F. Greaney, elected January 3, 1898; term expired February 1, 1901.

Joseph A. Skinner, elected January 1, 1900; term expired February 1, 1903.

Maurice Lynch, elected January 7, 1901; deceased January 17, 1902.

Arthur M. French, elected February 4, 1902; term expired February 2, 1907.

Hugh McLean, elected January 5, 1903.

Michael J. Doyle, elected January 2, 1905.

Thomas J. Carmody, elected January 7, 1907.

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OFFICERS OF THE HOLYOKE WATER WORKS.

Moses Stevens, Superintendent, appointed February 4, 1874; term expired April 30, 1881; resigned.

Daniel Heywood, Collector, appointed February 4, 1874; term expired October 14, 1874; succeeded by E. M. Bolton.

E. M. Bolton, Registrar, appointed October 14, 1874; term expired June 30, 1876; resigned.

E. P. Clark, Registrar; appointed July 1, 1876; resigned January 3, 1893.

J. C. Sullivan, Registrar, appointed January 9, 1893; resigned January 2, 1901.

A. E. Pickup, Registrar, appointed February 20, 1901.

John D. Hardy, Superintendent, appointed May 1, 1881; term expired April 30, 1907.

John J. Kirkpatrick, Superintendent, appointed May 1, 1907.

E. M. Bolton, Inspector, appointed July 1, 1881. Service terminated March 9, 1891.

J. F. Cleary, Inspector, appointed March 9, 1891.

T. E. Sullivan, Inspector, appointed March 9, 1891.

Eugene F. Kane, Inspector, appointed October 22, 1906.

Joseph B. Walsh, Inspector, appointed October 22, 1906.

Daniel F. Cray, Inspector, appointed October 22, 1906.

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CITY OFFICERS SINCE 1874.

CITY GOVERNMENT FOR 1874.

Mayor, W. B. C. PEARSONS.

ALDERMEN.

Ward.	Ward.
1—William H. Grover.	5—John O'Donnell.
2—H. A. Chase.	6—G. W. Prentiss.
3—Aug. Stursberg.	7—J. F. Allyn.
4—John H. Wright.	Clerk, E. A. Ramsay.

COMMON COUNCILMEN.

President, C. H. Heywood.

Ward 1—Curtis Moore, James Ruddy, William Ruddy.

Ward 2—G. W. Burditt, C. B. Harris, S. F. Stebbins.

Ward 3—Martin Lawler, F. Kreimendahl, Matthew Walsh.

4—W. D. Higgins, H. G. Pierce, A. C. Pratt.

Ward 5—Maurice Lynch, John O'Connell, J. A. Sullivan.

Ward 6—John Delaney, C. H. Heywood, Timothy Merrick.

Ward 7—R. M. Fairfield, H. A. Pratt, Reuben Winchester.

Clerk—C. W. Rider.

City Clerk—E. A. Ramsay.

City Treasurer—C. W. Ranlet.

Messenger—J. H. Clifford.

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CITY GOVERNMENT FOR 1875.

Mayor, W. B. C. PEARSONS.

ALDERMEN.

Ward.	Ward.
1—William Grover.	5—Edw. O'Connor.
2—H. A. Chase.	6—G. W. Prentiss.
3—Matthew Walsh.	7—J. F. Allyn.
4—John H. Wright.	Clerk—E. A. Ramsay.

COMMON COUNCILMEN.

President, C. H. Heywood.

Ward 1—John Moore, James Ruddy, William Ruddy.

Ward 2—C. B. Harris, Fred Morrison, G. H. Smith .

Ward 3—Richard Gilday, F. Kreimendahl, Henry Winkler.

Ward 4—S. J. Donahue, Peter McKeon, E. A. Newton .

Ward 5—B. F. Bigelow, D. H. Donoghue, J. R. Donoghue.

Ward 6—John Delaney, C. H. Heywood, Timothy Merrick

Ward 7—Horace Brown, Chester Strong, Reuben Winchester.

Clerk—C. W. Rider.

City Clerk—E. A. Ramsay.

City Treasurer—William Whiting.

Messenger—J. H. Clifford.

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CITY GOVERNMENT FOR 1876.

Mayor, W. B. C. PEARSONS.

ALDERMEN.

Ward.	Ward.
1—William Ruddy.	5—Maurice Lynch.
2—C. B. Harris.	6—C. H. Heywood.
3—H. Springborn.	7—J. F. Allyn.
4—S. J. Donoghue.	Clerk—E. A. Ramsay.

COMMON COUNCILMEN.

President, G. H. Smith.

Ward 1—James Barnes, John Moore, A. B. Tower.
Ward 2—Chalmers Chapin, G. H. Smith, E. Whitaker.
Ward 3—Joseph Mellor, J. N. Thayer, J. S. Webber.
Ward 4—C. D. Colson, Daniel Ford, V. J. O'Donnell.
Ward 5—B. F .Bigelow, Michael Downing, D. M. Manning.
Ward 6—A. D. Barker, J. E. Delaney, J. H. Newton.
Ward 7—H. C. Ewing, S. T. Lyman, Reuben Winchester.
Clerk—C. W. Rider.

City Clerk—E. A. Ramsay.
City Treasurer—William Whiting.
Messenger—J. H. Clifford (deceased), J. R. Howes.

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CITY GOVERNMENT FOR 1877.

Mayor, R. P. CRAFTS.

ALDERMEN.

Ward.		Ward
1—M. J. Teahan.		4—S. S. Donoghue.
2—G. H. Smith.		5—D. H. Donoghue.
3—	H. Springborn.*	6—C. H. Heywood.
	A. Stursberg.	7—G. P. Ellison.

COMMON COUNCILMEN.

President, C. D. Colson.

Ward 1—John Ford, Richard Patte, C. O. Warner.
Ward 2—Chalmers Chapin, F. P .Goodall, Isaac Tirrell.
Ward 3—A. G. Rideout, James Stafford, J. N. Thayer.
Ward 4—C. D. Colson, Michael Lynch, M. M. Mitivier.
Ward 5—Michael Cleary, Stephen Maloney, D. E. Sullivan.
Ward 6—E. W. Chapin, E. A. Ramsay, Porter Underwood.
Ward 7—John Merrick, Edwin Perkins, John Street.
Clerk—C. W. Rider.

City Clerk—J. E. Delaney.
City Treasurer—C. W. Ranlet.
Messenger—J. R. Howes.

*Resigned.

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CITY GOVERNMENT FOR 1878.

Mayor, WILLIAM WHITING.

ALDERMEN.

Ward.		Ward.	
1—	T. S. Grover.	4—	C. D. Colson.
2—	C. B. Harris.*	5—	D. E. Sullivan.
	G. H. Smith.	6—	William Skinner.
3—	A. Stursberg.**	7—	G. P. Ellison.
	James Stafford.		Clerk—J. E. Delaney.

COMMON COUNCILMEN.

President, F. P. Goodall.

Ward 1—T. L. Keough, J. W. Moore, W. E. Syms.

Ward 2—F. P. Goodall, F. Morrison, Isaac Tirrell.

Ward 3—A. G. Rideout, James Stafford, E. F. Sullivan.

Ward 4—James P. Casey, T. J. Ryan, Didace Sainte Marie.

Ward 5—Stephen Maloney, E. O'Connor, Thomas Pendergast.

Ward 6—Henry C. Cady, J. S. McElwain, Levi Perkins.

Ward 7—John Merrick, Edwin Perkins, John Street.

Clerk—Simon Brooks.

City Clerk—J. E. Delaney.

City Treasurer—C. W. Ranlet.

Messenger—J. R. Howes.

*Died March 11, 1878. **Resigned.

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CITY GOVERNMENT FOR 1879.

Mayor, WILLIAM WHITING.

ALDERMEN.

Ward.	Ward.
1—William Ruddy.	5—D. E. Sullivan.
2—F. R. Norton.	6—William Skinner.
3—Henry Winkler.	7—William S. Perkins.
4—Charles D. Colson.	Clerk—J. E. Delaney.

COMMON COUNCILMEN.

President, John O'Donnell.

Ward 1—G. C. Ainslie, James Greeley, John D. Walsh.

Ward 2—John E. Bronson, John B. Hart, Franklin P. Goodall.

Ward 3—John L. Martin, P. J. Sheridan, M. J. Ryan.

Ward 4—Victor Guyott, Peter McKeon, T. J. Ryan.

Ward 5—Thomas Dillon, Michael Downing, John O'Donnell.

Ward 6—H. C. Cady, J. S. McElwain, Levi Perkins.

Ward 7—Berijah H. Kagwin, Origen H. Merrick, Marden W. Prentiss.

Clerk—Simon Brooks.

City Clerk—J. E. Delaney.

City Treasurer—James R. Howes.

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CITY GOVERNMENT FOR 1880.

Mayor, WILLIAM RUDDY.

ALDERMEN.

Ward.	Ward.
1—John D. Walsh.	5—John O'Donnell.
2—F. R. Norton.	6—Charles A. Corser.
3—Henry Winkler.	7—William S. Perkins.
4—James P. Casey.	Clerk—J. E. Delaney.

COMMON COUNCILMEN.

Ward 1—John Ford, James Greeley, Casper Ranger.

Ward 2—John E. Bronson, John B. Hart, George W. Maher.

Ward 3—John J. Martin, Patrick J. Sheridan, John McDonald.

Ward 4—Pierre Bonvouloir, Cornelius D. Geran, Timothy J. Ryan.

Ward 5—Michael Cleary, Michael Downing, Timothy Haley.

Ward 6—Charles B. Davis, Hervey K. Hawes, Edwin A. Whiting.

Ward 7—Berijah H. Kagwin, Origen H. Merrick, John B. Munn.

Clerk—Simon Brooks.

City Clerk—J. E. Delaney.

City Treasurer—C. W. Ranlet.

Messenger—Charles M. Hackett.

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CITY GOVERNMENT FOR 1881.

Mayor, F. P. GOODALL.

ALDERMEN.

Ward.	Ward.
1—Casper Ranger.	5—D. J. Landers.
2—Fred Morrison.	6—E. A. Whiting.
3—P. J. Sheridan.	7—R. Winchester.
4—Thomas Dillon.	Clerk—J. E. Delaney.

COMMON COUNCILMEN.

President, Hervey K. Hawes.

Ward 1—Michael Collins, James Greeley, Samuel S. Chapman.

Ward 2—Royal C. Dickinson, Sumner T. Miller, Dwight O. Judd.

Ward 3—Herbert Hicks, Lyman F. Thorpe, Charles R. Heubler.

Ward 4—George Hart, Cornelius D. Geran, Dennis E. Herbert.

Ward 5—James S. Lee, John F. Shea, Thomas Pendergast.

Ward 6—Amos Andrews, Hervey K. Hawes, Henry H. Smith.

Ward 7—Charles C. Hastings, Lyman B. Moore, John B Munn.

Clerk—Simon Brooks.

City Clerk—J. E. Delaney.

Messenger—Charles M. Hackett.

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CITY GOVERNMENT FOR 1882.

Mayor, R. P. CRAFTS.

ALDERMEN.

Ward.	Ward.
1—Casper Ranger.	5—John O'Donnell.
2—Isaac Tirrell.	6—William A. Chase.
3—C. R. Huebler.	7—W. T. Dean.
4—Thomas Dillon.	Clerk—J. E. Delaney.

COMMON COUNCILMEN.

President, Amos Andrews.

Ward 1—William Brennan, James Spillane, William H. Jess.

Ward 2—E. R. Pierce, Joseph Beauchemin, George W. Richards.

Ward 3—J. K. McCarthy, D. Driscoll, W. E. O'Keefe.

Ward 4—Dennis E. Herbert, P. J. Connor, J. J. Prew.

Ward 5—Maurice Lynch, Thomas Pendergast, Michael O'Keefe.

Ward 6—Amos Andrews, H. H. Smith, Joseph A. Snell.

Ward 7—C. C. Hastings, L. L.Hooker ,A. N .Ricker.

Clerk—J. F. Stapleton.

City Clerk—J. E. Delaney.

City Treasurer—C. W. Ranlet.

Messenger—Charles M. Hackett.

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CITY GOVERNMENT FOR 1883.

Mayor, R. P. CRAFTS.

ALDERMEN.

Ward.	Ward.
1—Casper Ranger.	5—John O'Donnell.
2—Isaac Tirrell.	6—Charles A. Corser.
3—John T. Lynch.	7—W. T. Dean.
4—Thomas Dillon.	Clerk—M. J. Griffin.

COMMON COUNCILMEN.

President, C. O. Warner.

Ward 1—William H. Jess, John M. Sheridan, M. C. Browne.

Ward 2—Pierre Benoit, George W. Richards, C. O. Warner.

Ward 3—J. K. McCarthy, D. W. Driscoll, Peter J. Westphal.

Ward 4—Dennis E. Herbert, Frank S. Lynch, J. J. Prew.

Ward 5—P. J. Landers, John O'Connell, William Sullivan.

Ward 6—Joseph Snell, C. P. Lyman, E. P. Ford.

Ward 7—C. C. Hastings, L. L. Hooker, A. N. Ricker.

Clerk—Simon Brooks.

City Clerk—Michael J. Griffin.

City Treasurer—Charles W. Ranlet.

Messenger—Charles M. Hackett.

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CITY GOVERNMENT FOR 1884.

Mayor, JAMES E. DELANEY.

ALDERMEN.

Ward.	Ward.
1—James Greeley.	5—E. O'Connor.
2—Isaac Tirrell.	6—Elias P. Ford.
3—John T. Lynch.	7—C. C. Hastings.
4—John Dillon.	Clerk—M. J. Griffin.

COMMON COUNCILMEN.

President, Roger P. Donoghue.

Ward 1—John Moore, M. F. Sullivan, W. A. Casey.

Ward 2—George W. Richards, Didace Sainte-Marie, Thomas H. Sears.

Ward 3—John Lowcock, John Jack, Blaise Borlen.

Ward 4—William Sullivan,* Matthew Doherty, Thomas O'Donnell, Amede F. Gingras.

Ward 5—Roger P. Donoghue, Thomas J. Carmody, Michael Manning.

Ward 6—Charles P. Lyman, Eli L. Brockett, John J. Reardon.

Ward 7—Frank L. Buck, Robert T. Prentiss, Samuel M. Gilmore.

Clerk—John F. Stapleton.

City Clerk—Michael J. Griffin.
City Treasurer—C. W. Ranlet.
Messenger—William T. Walsh.

*Died November 13, 1884.

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CITY GOVERNMENT FOR 1885.

Mayor, JAMES E. DELANEY.

ALDERMEN.

Ward.	Ward.
1—William Reardon.	5—R. P. Donoghue.
2—Thomas H. Sears.	6—Eli J. Brockett.
3—J. K. McCarthy.	7—John E. Clark.
4—John J. Prew.	Clerk—M. J. Griffin.

COMMON COUNCILMEN.

President, Thomas J. Carmody.

Ward 1—John J. Sheridan, William A. Casey, J. G. McCarthy.

Ward 2—John C. Smith, George W. Richards, M. F. Doyle.

Ward 3—Blaise Borlen, Charles Brueck, James F. Canavan.

Ward 4—Thomas O'Donnell, P. F. Carmody, Matthew Doherty.

Ward 5—T. J. Carmody, James S. Lee, Thomas J. Fitzgerald.

Ward 6—Andrew Buchanan, C. H. Whiting, John L. Burlingame.

Ward 7—John K. Judd, S. B. Allyn, S. M. Gilmore,* George W. Doane.

Clerk—John F. Stapleton.

City Clerk—Michael J. Griffin.

City Treasurer—E. L. Munn.

Messenger—William T. Walsh.

*Resigned.

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CITY GOVERNMENT FOR 1886.

Mayor, JAMES J. O'CONNOR.

ALDERMEN.

Ward.	Ward.
1—J. J. Sheridan.	5—R. P. Donoghue.
2—Francis J. Curley.	6—William E. Syms.
3—James J. Curran.	7—John E. Clark.
4—John J. Prew.	Clerk, M. J. Griffin.

COMMON COUNCILMEN.

President, John K. Judd.

Ward 1—James C. Keough, William A. Casey, Jeremiah G. McCarthy.

Ward 2—James H. Fitzsimmons, Edward Donohue, James W. Toole.

Ward 3—Bruno Ezold, James T. Cunningham, Peter J. Westphal.

Ward 4—James H. Sullivan, Michael F. Manning, Matthew Doherty.

Ward 5—James F. Cleary, John J. Casey, Thomas F. Greaney.

Ward 6—Andrew Buchanan, Charles H. Whiting, Charles L. Newcomb.

Ward 7—John K. Judd, George W. Doane, Arthur M. Cain.

Clerk—John F. Stapleton.

City Clerk—Michael J. Griffin.

City Treasurer—Oscar Ely.

Messenger—William T. Walsh.

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CITY GOVERNMENT FOR 1887.

Mayor, JAMES J. O'CONNOR.

ALDERMEN.

Ward.	Ward.
1—William H. Jess.	5—James F. Cleary.
2—James W. Toole.	6—William E. Syms.
3—Henry Winkler.	7—John Hildreth.
4—John Dillon.	Clerk—M. J. Griffin.

COMMON COUNCILMEN.

President, James C. Keough.

Ward 1—James C. Keough, Dennis J. Sullivan, Bartholomew J. Lynch.

Ward 2—Edward Donohue, Thomas J. Gibson, Nazaire Beliveau.

Ward 3—James F. Canavan, John P. Hanley, Charles W. Bluemer.

Ward 4—Maurice Sullivan, Thomas Connor, Louis S. Paquette.

Ward 5—John J. Casey, Michael J. Lavelle, John Dillon.

Ward 6—Charles L. Newcomb, Henry E. McElwain, J. Sanford Webber.

Ward 7—Arthur M. Cain, George L. Thorpe, Richard C. Kilduff.

Clerk—John F. Stapleton.

City Clerk—Michael J. Griffin.

City Treasurer—Edward L. Munn.

Messenger—William T. Walsh.

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CITY GOVERNMENT FOR 1888.

Mayor, JAMES E. DELANEY.

ALDERMEN.

Ward.	Ward.
1—L. F. Haywood, Jr.	5—H. E. McElwain.
2—J. W. Toole.	6—C. L. Newcomb.
3—H. Winkler.*	7—John Hildreth.
M. Manning.	Clerk—M. J. Griffin.
4—John Dillon.	

COMMON COUNCILMEN.

President, Michael J. Lavelle.

Ward 1—Dennis J. Sullivan, John J. Keough, John Blasius.

Ward 2—Thomas J. Gibson, W. P. Buckley, Nazaire Beliveau.

Ward 3—James F. Canavan, John P. Hanley, Clyde C. Kelly.

Ward 4—John B. Laroche, Michael J. Lavelle, Dennis Herbert.

Ward 5—Thomas Connor, Dennie L. Farr, Justin D. Perkins.

Ward 6—Charles L. Allen, Lucius Ely, Frank A. Rivers.

Ward 7—George L. Thorpe, John Longway, Jr., George V. Osgood.

Clerk—John F. Stapleton.

City Clerk—Michael J. Griffin.
City Treasurer—Edwin L. Munn.
Messenger—William T. Walsh.

*Resigned June 27.

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CITY GOVERNMENT FOR 1889.

Mayor, JEREMIAH F. SULLIVAN.

ALDERMEN.

Ward.	Ward.
1—John C. Sullivan.	5—Richard Shea.
2—William Buckley.	6—Dennie L. Farr.
3—George Spamer.	7—E. L. Squier.
4—Thomas J. Carmody.	Clerk—M. J. Griffin.

COMMON COUNCILMEN.

President, J. J. Callanan.

Ward 1—John J. Keough, J. A. Peltier, T. H. Breen.

Ward 2—Joseph A. Murray, F. St. Martin, Thomas J. Kennedy.

Ward 3—James F. Canavan, Onesime Viens, John J. Taylor.

Ward 4—Patrick A. Brennan, Napoleon Aubertin, Eugene Shea.

Ward 5—Thomas Connor, Jeremiah J. Callanan, J. W. Doran.

Ward 6—Lucius Ely, C. L. Allen, James L. Davis.

Ward 7—Frederick C. Steele, Roland T. Oakes, George V. Osgood.

Clerk—Daniel W. Kenney.

City Clerk—Michael J. Griffin.

City Treasurer—Edwin L. Munn.

Messenger—William T. Walsh.

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CITY GOVERNMENT FOR 1890.

Mayor, JEREMIAH F. SULLIVAN.

ALDERMEN.

Ward.	Ward.
1—M. P. Conway.	5—A. Higginbottom.
2—J. Beauchemin.	6—C. D. Colson.
3—George Spamer.	7—E. L. Squier.
4—N. J. Baker.	Clerk—M. J. Griffin.

COMMON COUNCILMEN.

President, Thomas Connor.

Ward 1—William Brockway, Joseph A. Peltier, Maurice J. Sullivan.

Ward 2—Thomas J. Kennedy, Joseph A. Murray, C. O'Leary.

Ward 3—Herman Heinritz, John J. Taylor, Onesime Viens.

Ward 4—Patrick Brennan, John J. Prentiss, Eugene Shea.

Ward 5—Joseph Bardwell, Thomas Connor, Charles McCollister.

Ward 6—Lucius Ely, Stephen E. Gifford, Mederic J. Laporte.

Ward 7—Roland T. Oakes, George V. Osgood, Frederick C. Steele.

Clerk—John F. Stapleton.

City Clerk—Michael J. Griffin.

City Treasurer—Dennie L. Farr.

Messenger—William T. Walsh.

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CITY GOVERNMENT FOR 1891.

Mayor, MICHAEL J. GRIFFIN.

ALDERMEN.

Ward.	Ward.
1—M. P. Conway.	5—J. J. Callanan.
2—T. J. Kennedy.	6—J. P. Prescott.
3—Michael Connors.	7—F. C. Steele.
4—R. P. Donoghue.	Clerk—T. D. O'Brien.

COMMON COUNCILMEN.

President, Thomas J. Dillon.

Ward 1—William Brockway, John H. Ryan, Maurice J. Sullivan.

Ward 2—John Black, Arthur B. C. DeLaunay, Cornelius O'Leary.

Ward 3—Max C. Burkhardt, Ulric Perreault, Albert C. Renner.

Ward 4—Napoleon Aubertin, Thomas J. Dillon, Eugene Shea.

Ward 5—John E. Burke, Richard A. Doran, Daniel J. O'Connell.

Ward 6—Mederic J. Laporte, Stephen E. Gifford, John B. Miller.

Ward 7—Lawrence H. Fortier, Charles McCollister, Henry D. Williams.

Clerk—John F. Stapleton.

City Clerk—T. D. O'Brien.

City Treasurer—Dennie L. Farr.

Messenger—William T. Walsh.

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CITY GOVERNMENT FOR 1892.

Mayor, JEREMIAH F. SULLIVAN.

ALDERMEN.

Ward.	Ward.
1—William Haney.	5—A. Higginbottom.
2—Antoine Marcotte.	6—M. J. Laporte.
3—Michael Connors.	7—F. C. Steele.
4—Patrick W. Shea.	Clerk—T. D. O'Brien.

COMMON COUNCILMEN.

President, Henry D. Williams.

Ward 1—Joseph Hebert, Henry L. Mohan, John H. Ryan.

Ward 2—John Black, Joseph Blair, Fred Daze.

Ward 3—Max G. Burkhardt, Ulric Perreault, Paul Schubach.

Ward 4—Frank O. Blanchette, Eugene Shea, Daniel P. Sullivan.

Ward 5—William L. Bishop, Patrick H. Brennan, William B. Miles.

Ward 6—Fred H. Gilpatrick, George E. Pickup, Frank C. Webber.

Ward 7—Lawrence H. Fortier, Charles H. McCollister, Henry D. Williams.

Clerk—John F. Stapleton.

City Clerk—T. D. O'Brien.

City Treasurer—Dennie L. Farr.

Messenger—William T. Walsh.

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CITY GOVERNMENT FOR 1893.

Mayor, DENNIE L. FARR.

ALDERMEN.

President, Michael Connors.

Ward.	Ward.
1—William Haney.	5—J. J. Callanan.
2—Fred St. Martin.	6—M. J. Laporte.
3—Michael Connors.	7—R. B. Holmes.
4—T. J. Dillon.	Clerk—T. D. O'Brien.

COMMON COUNCILMEN.

President, John L. Connor.

Ward 1—Patrick Gear, Joseph Hebert, David H. Toole.
Ward 2—Joseph C. Blair, Thomas J. Kennedy, Cyril T. Labrecque.
Ward 3—Max Bretschneider, Victor S. Laplante, Ernest R. Tauscher.
Ward 4—Thomas Fitzgerald, Patrick J. O'Connor, Daniel P. Sullivan.
Ward 5—Salime J. Benoit, John L. Connor, Jeremiah J. Linehan.
Ward 6—Fred H. Gilpatrick, John Naylor, Frank C. Webber.
Ward 7—Azro A. Coburn, Edward B. Evans, Charles M. Hartzell.
Clerk—John F. Stapleton.

City Clerk—Thomas D. O'Brien.
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.

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CITY GOVERNMENT FOR 1894.

Mayor, MARCIENE H. WHITCOMB.

ALDERMEN.

President, Rufus B. Holmes.

Ward.	Ward.
1—T. J. Lynch.	5—R. S. Burns.
2—F. St. Martin.	6—James A. Allyn.
3—Michael Connors.	7—R. B. Holmes.
4—P. W. Shea.	Clerk—T. D. O'Brien.

COMMON COUNCILMEN.

President, John L. Connor.

Ward 1—Octave Perrault, David H. Toole,* John Daly, James Wall.

Ward 2—Fred Gervais, Fred A. Monat, Patrick H. Prendiville.

Ward 3—Max Bretschneider, Victor S. Laplante, Ernest R. Tauscher.

Ward 4—Frank Fitzgerald, Thomas Fitzgerald, Anthyme S. Menard.

Ward 5—Salime J. Benoit, John L. Connor, Jeremiah J. Linehan.

Ward 6—Elbert Goss, Frederick N. Ricker, Edward N. White.

Ward 7—Azro A. Coburn, Edwin B. Evans, Charles M. Hartzell.

Clerk—Daniel W. Kenney.

City Clerk—Thomas D. O'Brien.

City Treasurer—Pierre Bonvouloir.

Messenger—William T. Walsh.

*Resigned.

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CITY GOVERNMENT FOR 1895.

Mayor, HENRY A. CHASE.

ALDERMEN.

Ward.	Ward.
1—Timothy J. Lynch.	5—Richard S. Burns.
2—Fred St. Martin.	6—John Wall.
3—Richard H. Dietz.	7—George H. Lynds.
4—Thomas J. Lynch.	

COMMON COUNCILMEN.

President, John L. Connor.

Ward 1—Edward D. Bunyan, Patrick F. Flynn, Dennis O'Leary.

Ward 2—Fred Gervais, Fred A. Monat, Patrick H. Prendiville.

Ward 3—John H. Donoghue, Victor S. Laplante, William J. Mahoney.

Ward 4—John J. McIntee, John P. Sullivan, John F. Sullivan.

Ward 5—Edmund H. Alger, John L. Connor, Jeremiah J. Linehan.

Ward 6—Edwin M. Chase, Elbert Goss, Caleb J. Humeston.

Ward 7—Conrad V. Hein, Charles P. Randall, William O. White.

Clerk—Daniel W. Kenney.

City Clerk—Edward A. Kane.

City Treasurer—Pierre Bonvouloir.

Messenger—William T. Walsh.

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CITY GOVERNMENT FOR 1896.

Mayor, JAMES J. CURRAN.

ALDERMEN.

President, Timothy J. Lynch.

Ward.	Ward.
1—Timothy J. Lynch.	5—Jeremiah J. Linehan.
2—Fred Gervais	6—Elbert Goss.
3—Adam Leining.	7—Frank Feather.
4—Patrick W. Shea.	Clerk—Edward A. Kane.

COMMON COUNCILMEN.

President, Patrick H. Prindiville.

Ward 1—Edward D. Bunyan, Patrick F. Flynn, Dennis O'Leary.

Ward 2—Joseph Beaudry, Jr., Henry P. Cunningham, Patrick H. Prindiville.

Ward 3—John H. Connor, William J. Mahoney, Patrick W. O'Rourke.

Ward 4—William J. Dillon, John J. McIntee, John J. Riley.

Ward 5—Edmund H. Alger, Edward J. Kenney, William O'Connell.

Ward 6—William D. Bunnell, Thomas H. Kearney, Henry Reed.

Ward 7—James Collingwood, Charles Randall, Homer J. Stratton.

Clerk—John P. McTigue.

City Clerk—Edward A. Kane.

City Treasurer—Pierre Bonvouloir.

Messenger—William T. Walsh.

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CITY GOVERNMENT FOR 1897.

Mayor, GEORGE H. SMITH.

President of the Board of Aldermen, Arthur M. French.

ALDERMEN AT LARGE (FOR TWO YEARS).

Henry A. Collins
Patrick F. Donoghue.
Arthur M. French.
Adam Leining.
Hugh McLean
Daniel Proulx.
Homer J. Stratton.

ALDERMEN AT LARGE (FOR ONE YEAR).

Salime J. Benoit.
Archibald Ferguson, Sr.
Morris Hicks.
William J. Ryan.
George Savoy.
James H. Staples.
Peter J. Westphal.

ALDERMEN BY WARDS.

Ward.	Ward.
1—Timothy J. Lynch.	5—Jeremiah J. Linehan.
2—Fred Gervais.	6—Elbert Goss.
3—Frank Feather.	7—Charles P. Randall.
4—Patrick J. O'Connor.	

City Clerk—Edward A. Kane.
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.

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CITY GOVERNMENT FOR 1898.

Mayor, MICHAEL CONNORS.

President of the Board of Aldermen, Hugh McLean.

ALDERMEN AT LARGE (FOR TWO YEARS).

Joseph Beaudry, Jr.
William D. Bunnell.
Edward L. Cassidy.
J. Joseph Doran.
Archibald Ferguson, Sr.
William J. Ryan.
Peter J. Westphal.

ALDERMEN AT LARGE (FOR ONE YEAR).

Henry A. Collins.
Patrick F. Donoghue.
Arthur M. French.
Adam Leining.
Hugh McLean.
Daniel Proulx.
Homer J. Stratton.

ALDERMEN BY WARDS.

Ward.	Ward.
1—Timothy J. Lynch.	5—Michael J. Doyle.
2—Samuel Migneault.	6—Elbert Goss.
3—Frank Feather.	7—James H. Wylie, Jr.
4—James S. Lacey.	

City Clerk—Edward A. Kane.
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.

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CITY GOVERNMENT FOR 1899.

Mayor, ARTHUR B. CHAPIN.
President of the Board of Aldermen, Arthur M. French.

ALDERMEN AT LARGE (FOR TWO YEARS).

Patrick F. Donoghue.
Arthur M. French.
Adam Leining.
Joseph A. Marin.
Hugh McLean.
William McCorkindale.
Edwin L. Squier.

ALDERMEN AT LARGE (FOR ONE YEAR).

Joseph J. Beaudry.
William D. Bunnell
Edward L. Cassidy.
J. Joseph Doran.
Archibald Ferguson, Sr.
William J. Ryan.
Peter J. Westphal.

ALDERMEN BY WARDS.

Ward.	Ward.
1—Timothy J. Lynch.	5—Michael J. Doyle.
2—Samuel Migneault.	6—William G. Beaudro.
3—Moritz E. Ruther.	7—Frank B. Towne.
4—Joseph A. O'Donnell.	

City Clerk—Edward A. Kane.

City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.
Clerk of Committees—John C. Doran.

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CITY GOVERNMENT FOR 1900.

Mayor, ARTHUR B. CHAPIN.

President of the Board of Aldermen, Arthur M. French.

ALDERMEN AT LARGE (FOR TWO YEARS).

J. Joseph Doran.
Jeremiah J. Farrell.
John K. Judd.
Adelard M. Potvin.
John Stalker.
Frank C. Webber.
Marciene H. Whitcomb.

ALDERMEN AT LARGE (FOR ONE YEAR).

Patrick F. Donoghue.
Arthur M. French.
Adam Leining.
Joseph A. Marin.
Hugh McLean.
William McCorkindale.
Edwin L. Squier.

ALDERMEN BY WARDS.

Ward.	Ward.
1—John P. McTigue.	5—Michael J. Doyle.
2—Arthur R. Vincent.	6—William G. Beaudro.
3—Herbert C. Clark.	7—Frank B. Towne.
4—Florence Donoghue.	

City Clerk—Edward A. Kane.
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.
Clerk of Committees—John C. Doran.

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CITY GOVERNMENT FOR 1901.

Mayor, ARTHUR B. CHAPIN.

President of the Board of Aldermen, Michael J. Doyle.

ALDERMEN AT LARGE (FOR TWO YEARS).

William G. Beaudro.	John J. Finn.
Edward F. Dowd.	Charles S. Hemingway.
William O. Ducharme.	James M. Kennedy.

William McCorkindale.

ALDERMEN AT LARGE (FOR ONE YEAR).

J. Joseph Doran.	Adelard M. Potvin.
Jeremiah J. Farrell.	John Stalker.
John K. Judd.	Frank C. Webber.

Marciene H. Whitcomb.

ALDERMEN BY WARDS.

Ward.	Ward.
1—Dennis O'Leary.	5—Michael J. Doyle.
2—Eugene Laramay.	6—John C. Carlin.
3—John R. Allan.	7—Frank B. Towne.
4—Frank B. Towne.	

City Clerk—Edward A. Kane.*
City Clerk—John F. Sheehan.**
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.
Clerk of Committees—John C. Doran.

*Died April 24, 1901.
**Elected by Board of Aldermen, April 30, 1901.

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CITY GOVERNMENT FOR 1902.

Mayor, ARTHUR B. CHAPIN.

President of the Board of Aldermen, James M. Kennedy.

ALDERMEN AT LARGE (FOR TWO YEARS).

George Barnett.
George B. Noonan.
John D. Ryan.
Jeremiah J. Farrell.
Adelard M. Potvin.
John Stalker.
Frank C. Webber.

ALDERMEN AT LARGE (FOR ONE YEAR).

William G. Beaudro.
Edward F. Dowd.
William O. Ducharme.
John J. Finn.
Charles S. Hemingway.
James M. Kennedy.
William McCorkindale.

ALDERMEN BY WARDS.

Ward.	Ward.
1—Dennis O'Leary.	5—Eugene F. Kane.
2—Eugene Laramay.	6—John D. Dearden.
3—Leon W. Bliss.	7—Thomas W. Holley.
4—Alexander O'Brien.	

City Clerk—John F. Sheehan.
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.
Clerk of Committees—John C. Doran.

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CITY GOVERNMENT FOR 1903.

Mayor, ARTHUR B. CHAPIN.

President of the Board of Aldermen, James M. Kennedy.

ALDERMEN AT LARGE (FOR TWO YEARS).

John R. Allan.
William G. Beaudro.
Michael J. Kearns.
William A. Allyn.
Ira J. Humes.
James M. Kennedy.
William Lambert.

ALDERMEN AT LARGE (FOR ONE YEAR).

George Barnett.
George B. Noonan.
John D. Ryan.
Jeremiah J. Farrell.
Adelard M. Potvin.
John Stalker.
Frank C. Webber.

ALDERMEN BY WARDS.

Ward.	Ward.
1—Patrick J. Sullivan.	5—Eugene F. Kane.
2—Eugene Laramay.	6—James Devine.
3—Leon W. Bliss.	7—Thomas W. Holley.
4—John T. Sheehan.	

City Clerk—John F. Sheehan.
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.
Clerk of Committees—John C. Doran.

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CITY GOVERNMENT FOR 1904.

Mayor, ARTHUR B. CHAPIN.

President of the Board of Aldermen, James M. Kennedy.

ALDERMEN AT LARGE (FOR TWO YEARS).

George Barnett.
Leon W. Bliss.
Eugene Laramay.
Martin J. Leary.
George B. Noonan.
Richard P. Stapleton.
Frank C. Webber.

ALDERMEN AT LARGE (FOR ONE YEAR).

John R. Allan.
William G. Beaudro.
Michael J. Kearns.
William A. Allyn.
Ira J. Humes.
James M. Kennedy.
William Lambert.

ALDERMEN BY WARDS.

Ward.	Ward.
1—Patrick J .Sullivan.	5—John J. White.
2—Victor S. Laplante.	6—Herbert Ainley.
3—William F. Wicks.	7—Robert P. Cunningham.
4—J. Henry Sullivan.	

City Clerk—John F. Sheehan.
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.
Clerk of Committees—John C. Doran.

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CITY GOVERNMENT FOR 1905.

Mayor, NATHAN P. AVERY.

President of the Board of Aldermen, James M. Kennedy.

ALDERMEN AT LARGE (FOR TWO YEARS).

John R. Allan.
William A. Allyn.
William J. Cray.
Ira J. Humes.
Michael J. Kearns.
James M. Kennedy.
James J. Sullivan.

ALDERMEN AT LARGE (FOR ONE YEAR).

George Barnett.
Leon W. Bliss.
Eugene Laramay.
Martin J. Leary.
George B. Noonan.
Richard Stapleton.
Frank C. Webber.

ALDERMEN BY WARDS.

Ward.	Ward.
1—Samuel N. Bogart.	5—Richard Connor.
2—Victor S. Laplante.	6—Herbert E. Ainley.
3—William F. Wicks.	7—Robert P. Cunningham.
4—J. Henry Sullivan.	

City Clerk—John F. Sheehan.
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.
Clerk of Committees—John C. Doran.

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CITY GOVERNMENT FOR 1906.

Mayor, NATHAN P. AVERY.

President of the Board of Aldermen, James M. Kennedy.

ALDERMEN AT LARGE (FOR TWO YEARS).

Herbert E. Ainley.	James Devine.
George Barnett.	George B. Noonan.
Frederick Chase.	Henry J. Soutiere.

Samuel C. Warner.

ALDERMEN AT LARGE (FOR ONE YEAR).

William A. Allyn.	Ira J. Humes.
William J. Cray.	Michael J. Kearns.
John R. Allan.*	James M. Kennedy.
Thomas H. Finn**	James J. Sullivan.

ALDERMEN BY WARDS.

Ward.	Ward.
1—Dennis O'Leary.	5—Richard Connor.
2—Frank Rainault.	6—Frank Linnehan.
3—William F. Wicks.	7—Jesse E. Sheldon.
4—J. Henry Sullivan.	

City Clerk—John F. Sheehan.
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.
Clerk of Committees—John C. Doran.

*Resigned February 6, 1906.
**Elected by the Board of Aldermen, February 6, 1906.

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CITY GOVERNMENT FOR 1907.

Mayor, NATHAN P. AVERY.

President of the Board of Aldermen, James M. Kennedy.

ALDERMEN AT LARGE (FOR TWO YEARS).

Leon W. Bliss.
George R. Burns.
William J. Cray.
Israel Ducharme.
James M. Kennedy.
John D. Ryan.
James J. Sullivan.

ALDERMEN AT LARGE (FOR ONE YEAR).

Herbert E. Ainley.
George Barnett.
Frederick Childs.
James T. Devine.
George B. Noonan.
Henry J. Soutiere.
Samuel C. Warner.

ALDERMEN BY WARDS.

Ward.	Ward.
1—Dennis O'Leary.	5—Richard Connor.
2—Frank Rainault.	6—Leander C. Hartzell.
3—Thomas A. Bray.	7—Jesse E. Sheldon.
4—Jeremiah J. Slattery.	

City Clerk—John F. Sheehan.
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.
Clerk of Committees—John C. Doran.

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CITY GOVERNMENT FOR 1908.

Mayor, NATHAN P. AVERY.

President of the Board of Aldermen, James M. Kennedy.

ALDERMEN AT LARGE (FOR ONE YEAR).

Leon W. Bliss.
George R. Burns.
William J. Cray.
Israel Ducharme.
James M. Kennedy.
John D. Ryan.
James J. Sullivan.

ALDERMEN AT LARGE (FOR TWO YEARS).

Herbert E. Ainley.
George Barnett.
Thomas E. Begley.
William G. Cantin.
Frederick Childs.
James T. Devine.
Samuel C. Warner.

ALDERMEN BY WARDS.

Ward.	Ward.
1—Thomas H. Finn.	5—John J. White.
2—Alfred F. Cousineau.	6—Allan J. Malcolm.
3—Thomas A. Bray.	7—Philip M. Judd.
4—Jeremiah J. Slattery.	

City Clerk—John F. Sheehan.
City Treasurer—Pierre Bonvouloir.
Messenger—William T. Walsh.
Clerk of Committees—John C. Doran.

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CITY ORDINANCES.

CITY OF HOLYOKE.

In the Year One Thousand Nine Hundred and Seven.

AN ORDINANCE

To Amend an Ordinance entitled, "An Ordinance in Relation to Junk Dealers and Dealers in Second-hand Articles."

Be it ordained by the Board of Aldermen of the City of Holyoke as follows:

Section 1: An ordinance entitled, "An ordinance in relation to Junk Dealers and Dealers in Second-hand Articles" is hereby amended by striking out Section 16 thereof, and inserting in the place of said section the following:

Section 16: For every license granted under this ordinance to a dealer in, or keeper of a shop for the purchase, sale or barter of, junk or old metals, there shall be paid to the city clerk the sum of twenty-five dollars for the use of the city.

For every license granted under this ordinance to a dealer in second-hand articles there shall be paid to the city clerk the sum of two dollars for the use of the city.

Section 2: This ordinance shall take effect upon its passage.

Approved May 9, 1907.

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CITY OF HOLYOKE.

In the Year One Thousand Nine Hundred and Seven.

AN ORDINANCE

To Establish the Salaries of the Overseers of the Poor.

Be it ordained by the Board of Aldermen of the City of Holyoke as follows:

Section 1: The annual compensation of the Overseers of the Poor, each, is hereby established at one hundred and fifty dollars, beginning with the first day of January, 1907, with fifty dollars additional for the secretary.

Section 2: So much of Section 1, of Chapter 38, of the Revised Ordinances, as is inconsistent herewith is hereby repealed.

Section 3: This ordinance shall take effect upon its passage.

Allowed to go into effect without the signature of the Mayor.

CITY OF HOLYOKE.

In the Year One Thousand Nine Hundred and Seven.

AN ORDINANCE

To Establish the Relief Department.

Be it ordained by the Board of Aldermen of the City of Holyoke as follows:

Section 1: Section 2, of Chapter 14, of the Revised Ordinances, is hereby amended by adding thereto, after the first sentence of said section, the following, viz:—

Said Overseers of the Poor and City Almoner shall constitute a department to be known as the Relief Department of the City of Holyoke.

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Section 3: This ordinance shall take effect upon its passage.

Approved Sept. 18, 1907.

CITY OF HOLYOKE.

AN ORDINANCE

To Amend Chapter 38 of the Revised Ordinances.

Be it ordained by the Board of Aldermen of the City of Holyoke as follows:

Section 1: The annual compensation of the Mayor is hereby established at $2,000.00, beginning with the first day of January, 1907.

Section 2. So much of Chapter 38, of the Revised Ordinances, as is inconsistent herewith is hereby repealed.

Section 3. This ordinance shall take effect upon its passage.

Passed over veto of mayor Sept. 25, 1907.

CITY OF HOLYOKE.

In the Year One Thousand Nine Hundred and Seven.

AN ORDINANCE

To Establish Salaries of Police.

Be it ordained by the Board of Aldermen of the City of Holyoke as follows:

Section 1: The annual compensation for police service is hereby established as follows, viz:—

Assistant Marshal (including services as patrolman), fifteen hundred dollars.

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Captain of Police (including services as patrolman), fourteen hundred dollars.

Lieutenant of Police (including services as patrolman), thirteen hundred dollars.

Patrolmen, each as follows, viz:—
First year, $875.00;
Second year, $925.00;
Third year, $975.00;
Fourth year, $1,025.00;
Fifth year, and thereafter $1,100.00. In each year there shall be two weeks vacation with full pay.

Section 2: All ordinances and parts of ordinances inconsistent herewith are hereby repealed.

Section 3: This ordinance shall take effect December 1, 1907.

Approved Nov. 21, 1907.

CITY OF HOLYOKE.

In the Year One Thousand Nine Hundred and Seven.

AN ORDINANCE

Relating to Leave of Absence of the Permanent Members of the Fire Department.

Be it ordained by the Board of Aldermen of the City of Holyoke as follows:

Section 1: Subject to the provision that the days to be assigned for days off, as hereby provided, may be changed at any time as the interests of the department may require, each member of the permanent force of the fire department shall be allowed leave of absence, without loss of pay, as follows, viz:—

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1: Twenty-four hours three times in each calendar month, to be known as "day off."

2: One extra hour for dinner on Thanksgiving Day and Christmas Day.

3: Two weeks vacation each year.

4: In case of death in the immediate family of a permanent fireman, he shall be given three days leave of absence without loss of pay.

Section 2: All ordinances and parts of ordinances inconsistent herewith are hereby repealed.

Section 3: This ordinance shall take effect upon its passage.

Approved Nov 21, 1907.

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